CENTENARY MEETING

PROVISIONAL PROGRAMME
HOTEL ACCOMMODATION, etc.

SUPPLEMENT
TO THE
BRITISH MEDICAL JOURNAL

LONDON: SATURDAY, MAY 21st, 1932

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SPECIAL NOTICE TO MEMBERS

Every Member is requested to preserve this "Supplement," which contains matters specially referred to Divisions, until the subjects have been discussed by the Division to which he or she belongs.

MATTERS REFERRED TO DIVISIONS

British Medical Association

ANNUAL REPRESENTATIVE MEETING, LONDON, 1932

The Annual Representative Meeting of the British Medical Association will be held in the Great Hall, B.M.A. House, London, W.C.1, on Thursday, Friday, and Saturday, 21st, 22nd, and 23rd July, 1932.

RESOLUTIONS BY DIVISIONS AND BRANCHES FOR THE REPRESENTATIVE BODY, TOGETHER WITH RELEVANT RECOMMENDATIONS OF COUNCIL

(NOTE.—*This includes only those Recommendations of Council contained in the Annual Report to which amendments have been sent in ; also any motions from Divisions and Branches, of which two months' notice must be given.*)

MOTIONS RELATING TO POLICY OF ASSOCIATION

Motion by COUNCIL: That By-law 51 ("Business of Annual Representative Meeting") be adjusted as follows (references being to the lines of the separate print of the Articles and By-laws): *To read* (namely, by inserting a dash after "be" in the 2nd line of the By-law ; (ii) inserting a semicolon at the end of its 4th line ; (iii) deleting "and Reports of Branches" (1st line of page 55 of the printed booklet) ; (iv) substituting a semicolon for the present comma after "By-laws" (4th line of page 55) ; (v) inserting "to" between "or" and "the" (5th line of page 55) ; (vi) substituting a comma for the present semicolon after "Branch" (8th line of page 55) ; (vii) inserting (8th line of page 55), after "that," "if" ; (viii) substituting (9th line of page 55), for "proposing," "proposes" ; (ix) substituting (10th line of page 55), for "shall have," "it shall not be considered unless it has" ; (x) substituting (last line of By-law), for "previously," "prior to the date of the meeting").

Amendment by BRIGHTON: (i) That in the opinion of this Representative Body any motion placed before the Representative Body proposing material alteration of or addition to the Policy of the Association, likely to render a member resident in the British Isles liable to be expelled from the Association under Article 9 (*d*) should that member decide not to be bound by such proposal, should be published in the *Journal* not less than two months before the Annual Representative Meeting, or one month before a Special Representative Meeting, in order to afford members full opportunity for expressing their opinion thereon in Division Meeting ; and (ii) that it be an instruction to the Council to consider the Articles and By-laws in relation to this resolution and to report such amendments, if any, as may be found necessary in order to carry the resolution into effect.

Motion by BRIGHTON: That Article 34 (2) be amended as follows: After the words "or By-law" in line four, insert the words "or proposing a material alteration of or addition to the constitution or policy of the Association."

N.B.—Article 34 (2) at present reads as follows: "Provided that no resolution of the Representative Body to make any addition to or any amendment, alteration, or repeal of any Regulation or By-law, or to make any new Regulation or By-law, shall have any operation unless a proposal to make the same shall have been previously approved and submitted to the Representative Body, either by the Council, or by a Branch, or by a Division, and shall have been published in the *Journal* not less than two months before the Annual Representative Meeting, or one month before the Special Representative Meeting at which such resolution is passed."

REPRESENTATION OF SECRETARIES ON COUNCIL

Motion by SOUTHERN BRANCH: That it is desirable that at the Annual Conference of Secretaries three Secretaries should be elected to serve on the Council of the British Medical Association, and that they be nominated by the Conference and then elected by the Council.

COMPOSITION OF ORGANIZATION COMMITTEE

Motion by WEST DORSET: That the Council be instructed to arrange that four members of the Organization Committee shall be elected annually at the Annual Secretaries' Conferencce.

SUBSCRIPTION TO ASSOCIATION

Motion by KENSINGTON: That arrangements be made by which the annual subscription to the Association may be paid by banker's order in four quarterly instalments.

Motion by KENSINGTON: That with a view to obtaining more members the subscription for the first two years after joining should be reduced to two guineas.

Motion by ROCHESTER, CHATHAM, AND GILLINGHAM: That the Council be instructed to take steps to reduce the present subscription to the Association.

Motion by BRISTOL: Where two members of the same family, both members of the Association, are living together in the same house the membership fee payable be the same as for husband and wife.

NOTIFICATION TO THE PROFESSION WHEN A PRACTITIONER INTENDS TO COMMENCE SPECIALIST PRACTICE

Motion by COUNCIL: That the Representative Body expresses the opinion that a practitioner who wishes to draw the attention of his colleagues in the profession to the fact that he has recently commenced or intends to practise any particular branch of medical or surgical work, may do so in any or all of the following ways:

(i) By calling upon practitioners already established in the area and giving a personal explanation of his arrangements and plans;

(ii) By making known his work to his professional neighbours by communications presented to the local Division of the B.M.A. or to other medical organizations;

(iii) By sending reprints of his published work to those practitioners who may be expected to be interested; and

(iv) By sending a sealed postal notification to those practitioners who may be expected to be interested, provided such a communication contains no laudatory allusion to himself or his work, and provided also that no mention is made of any special charges which he proposes to make.

Amendment by SOUTHERN BRANCH: That Section (ii) of the foregoing recommendation be deleted.

RELATION OF ASSOCIATION TO AGENCY FOR INTRODUCTION OF PATIENTS

Motion by BRISTOL: That in the opinion of the Representative Body it is undesirable that the British Medical Association should associate itself with any agency charging a commission for the introduction of patients.

LAW RELATING TO ABORTION

Motion by WANDSWORTH: That the British Medical Association would be willing to co-operate with the legal profession in support of a demand by a responsible body of public opinion for a modification of the law dealing with abortion.

ANAESTHETISTS' FEES IN PRIVATE PRACTICE

Motion by ST. PANCRAS: That the Representative Body lay it down as a principle that the fee paid to an anaesthetist for a private case be not less than 20 per cent. of the surgeon's fee for that case.

CO-OPERATION BETWEEN LOCAL AUTHORITIES AND VOLUNTARY ORGANIZATIONS

Motion by SOUTHERN BRANCH: That the Representative Body notes with grave concern the increasing failure of the authorities, local and central, to give proper effect to the intention, repeated in various Acts of Parliament, that they should co-operate with and make use of existing voluntary organizations when making provision for various medical services; and the Representative Body instructs the Council to take action in the matter and report on it to the Annual Representative Meeting in 1933.

TEACHING OF OBSTETRICS TO MEDICAL STUDENTS

Motion by CARDIFF: That the Council be asked to consider whether there is any practicable remedy for the unprofitable use made of the declining volume of material available for the teaching of obstetrics to medical students, by reason of its absorption in the training of nurses and health visitors who do not intend to practise midwifery.

ELIGIBILITY FOR MEMBERSHIP

Motion by NORTH MIDDLESEX: (i) That Article of Association No. 17—namely: "Membership 17. Every Member whose address . . . and of no other" be amended by the addition of the following words—namely: "Provided that a Member of the Association shall not, *ipso facto*, be eligible for ordinary membership of any Division unless he is possessed of a medical qualification registrable in the country within which the Division is situated"; and "(ii) That the Council of the Association be instructed to do such things as may be necessary to give effect to Article 17 as amended."

MEDICAL RESEARCH COUNCIL AND THE PATENT LAW

In a memorandum summarized below the Medical Research Council draws attention to the existence of certain difficulties and anomalies in connexion with medicine and the patent law which have been brought to light by recent events. The memorandum was submitted in the first instance to the President of the Board of Trade for consideration by the Departmental Committee on the Patent and Designs Acts, and has since been published in full as an appendix to the Annual Report for 1930–1 of the Medical Research Council.[1] Reference was made to it in a leading article in the *Journal* of April 30th.

MEDICAL DISCOVERIES AND THE LAW

The legislature already recognizes that the operation of the patent law presents problems peculiar to the medical field. By the Act of 1919 it imposed certain restrictions upon both the subject-matter protected by patents covering medicine and food and the monopoly rights which may be exercised in respect of them. Another significant fact is that hitherto the patent law has not had any appreciable effect in this country in stimulating the work of discovery in medicine, since research workers have in practice made little use of it. This abstention is due to the professional tradition against patenting, based on an ethical dislike of monopoly in the fruits of medical discovery or the practice of deriving from them any private profit. These factors remove the usual inducement to take out a patent, even in cases where patenting for purely defensive purposes or for securing some useful control in the public interest is not open to objection. One result of the professional attitude is that, in the medical field, the law operates capriciously in favour of the few who do have recourse to it and are unobstructed by rival claims. In the opinion of the Medical Research Council it is of the first importance that medical research work should continue to be conducted, as at present, under conditions of the utmost freedom of intercourse and interchange of information and ideas between research workers, and any impediment to such freedom should be avoided or removed. If medical research workers in general are driven to defensive patenting, the introduction of secrecy in respect of incomplete or unpublished work is inevitable. Further, in the biological field, in which medical research chiefly lies, knowledge is, in general, less exact and complete than in the sciences dealing with inorganic phenomena. As a result the patents drawn for biological discoveries must attempt to cover a wide range of possibilities, and therefore tend definitely to discourage further research in the fields covered in advance by proprietary rights.

OPERATION OF THE EXISTING LAW

The Council is forced to agree that in the present state of the law it may be advisable to patent a medical discovery, either to control its application or to protect it against improper exploitation, but this holds good only when the control is exercised in the public interest, when no pecuniary gain is derived from the rights, and no action is taken likely to hamper or discourage further investigation. This attitude is illustrated by the action taken in the case of insulin. The Council accepted from the Canadian university, to which the discoverers had transferred them, the British patent rights in the method of preparing insulin—mainly because there was then no legal provision in this country for controlling the strength and quality of therapeutic preparations which could not be tested by direct chemical means. A regular supply of insulin of standard strength and proper quality was thus obtained, and the exclusion of inferior preparations ensured, by the grant of manufacturing licences without royalty. When provision was made for Government control by the Therapeutic Substances Act in 1925, the Council ceased to exercise its patent rights in the case

[1] Cmd. 4008. H.M. Stationery Office. (2s. 6d. net.)

of insulin, and in other cases it has refused to countenance patenting or declined the offer of existing patent rights. Cases may, however, arise in which patenting may be necessary as a defensive measure against patenting by others. In illustration of these and of the general dangers of the present position a critical account is given of the character and effect of the patent rights (British patent No. 236197) granted to Professor Steenbock of Wisconsin, for a process imparting anti-rachitic properties to foodstuffs by artificial ultra-violet irradiation, and the relation of this patent to the subsequent discoveries of Rosenheim and Webster in this country. Professor Steenbock's discovery was founded on earlier and unpatented discoveries of other, and notably of British, workers. The existence of vitamin D in many natural substances and the similar results obtained by ultra-violet irradiation of the body and by feeding with the vitamin were already known. It was believed that the action of ultra-violet light on the body was due to the formation therein of the vitamin, and it was suspected that the vitamin could be similarly produced outside the body. The patenting of Professor Steenbock's discovery therefore involved controlling the results of previous, as well as subsequent, work. The patent in effect covered not only the particular process described, but also the actual law of nature of which that process is an obvious application—namely, that the natural product, vitamin D, is formed by the action of ultra-violet light upon certain natural substances, and, so far as is known, in no other way. The patent was based upon imperfect knowledge of its subject-matter; it covered the production of a substance of undetermined composition from an unknown constituent of certain complex materials by an action not then understood; and it was of doubtful commercial value, since the artificial was no more potent than the natural product. On the other hand, the later discovery of ergosterol as the pro-vitamin, or constituent of the various materials capable of activation, made possible the production of vitamin D in a highly potent form by the irradiation of ergosterol—a process of immediate medical and commercial importance. This discovery was entirely independent of Steenbock's work, being based on the fact that sterols are found in the skin. It was made in the laboratories of the Medical Research Council at an advanced stage in a long series of researches by many workers—largely supported from public moneys—and was freely published, according to the usual practice in the medical field, in the hope that its benefits would immediately be brought to the public. The necessary action on the part of the manufacturers has, however, been hampered by the claims made under the Steenbock patent, which was drawn in such wide general terms that it is now claimed to cover all the applications of the more definite discoveries of subsequent date. This claim is facilitated by the fact that there are no other existing patents of an earlier or later date in the same field. The failure on the part of other workers to protect their discoveries may have been influenced by Professor Steenbock's early disavowal of any intention to derive personal profit from his own patent, the rights of which he transferred to his university of Wisconsin. The university, however, whether with or without his acquiescence, does propose to derive profit from them.

In brief, the position is that the application of results obtained with the support of public funds, and freely published, is now subject to royalties payable by members of the public here to the representatives of a foreign worker who obtained a patent at a stage when knowledge of the subject was quite imperfect. In the present state of the law the only defence against the recurrence of such situations would seem to be a general recourse to patenting by medical workers, which would involve changes in the present conditions of medical research work strongly deprecated by the Council.

UNIVERSITIES AND PATENT RIGHTS

The practice of taking out a patent for such discoveries and assigning it to a committee acting on behalf of the discoverer's university seems likely to spread, especially in America. Experience has shown that such committees are apt to use their rights to control the testing of a wide range of products, thus hampering the freedom of research and in some cases causing a conflict between our own system of control under the Therapeutic Substances Act and that exercised by such unofficial foreign committees. The use of such patents to endow further research in particular universities may involve the taxation of our own people to support research in foreign institutions. It also fosters a tendency to regard royalties as a normal support to university research work, involving a risk that the potential patent value of the results produced may become the measure of the fruits of university research workers and a factor in their promotion.

DISCOVERY AND INVENTION

In the view of the Council the dangers and difficulties illustrated by recent experience have arisen from the unsuitability of the operation of the patent law to the field of biology and medicine as distinguished from that of the physical sciences and their practical applications. A useful distinction is drawn between the work of scientific discovery, by which new phenomena of nature are observed and their laws ascertained, and that of practical invention, by which natural phenomena are turned by appropriate devices into direct use. The prime object of the patent law is to stimulate invention by securing to the inventor himself an appropriate share of the commercial reward, rather than to promote the work of discovery, for which monetary reward is not an effective means of stimulus, and in which the law cannot assign the reward with justice.

SUMMARY

In the light of experience the Council finds three main objections to the operation of the patent law in the field of biology and medicine:

1. The discovery of new facts of nature in medical science may lead obviously and immediately to valuable practical uses, without any intervening steps of ingenious invention, and it is not so easy here to distinguish between the discoverer and the inventor as it is in the inorganic field, where fundamental knowledge is more complete and new practical applications are the fruit of individual ingenuity. Moreover, the use of patent law in the medical field for personal or localized profit leads to the claim of proprietary rights in some particular use of a new discovery which, considered as a practical invention, is hardly deserving of pecuniary reward.

2. Biological discoveries in their first phases take the form of vague knowledge, and patents for their useful application tend to be drawn in terms that go beyond the knowledge of the moment, in contrast to those in the inorganic field in which claims must, because they can, be more exactly defined and do not necessarily hinder or discourage further research in the same field.

3. The general failure to utilize patent law in the medical field favours the few who break a tradition of some importance. The introduction of rivalry in obtaining patents, even if only in defence against those who break the tradition, would make it extremely difficult to preserve the existing free intercourse between medical research workers.

CONCLUSION

In the view of the Medical Research Council the conclusion to be drawn from the foregoing observations is almost irresistible. It is that the law should be amended to extend the special terms already given to medical discoveries by abolishing altogether the right of patenting these; because in the medical field the patent law does not stimulate discovery, because in practice it works mischievously owing to the undue advantage obtainable by the few, mainly foreigners, who resort to it, and because this situation is likely to be detrimental to medical research. The Council appreciates the difficulties inherent in the definition of a medical discovery for this purpose (illustrated by the discovery of important therapeutic uses for synthetic chemicals originally patented for other purposes, such as dyeing, and the possibility that a master patent of wide range may be involved in a process for preparing a substance useful medically) and it realizes that amendment of the law must take account of the possibility that

medical discovery may give commercial value to patents outside the medical field. But the suggested exclusion has long been in force elsewhere, and there is no reason to believe that it would present greater difficulties in this country. Recognizing the objection, from the commercial point of view, to the abolition of medical patents without international agreement, the Council believes that alternative courses exist, free from objection on this ground, but nearly equivalent to total abolition for the particular purpose in view. It thinks that the proposal for compulsory dedication of medical patents to a national trustee may be worthy of consideration, provided that care is taken to ensure that the objections to the present system are in fact removed, and particularly that such a national trustee should not be required to patent, hold, or exploit medical patents in other countries.

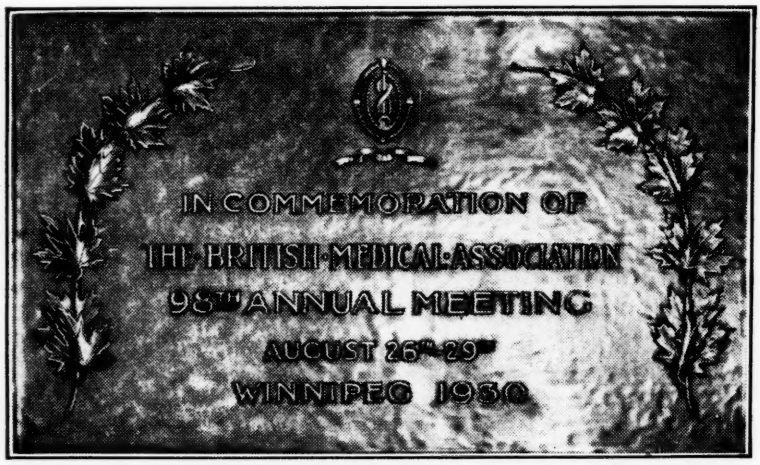
Finally, therefore, the Council urges that the most serious consideration should be given to the question of seeking such changes in the existing law as would secure either the total abolition of the right of patenting in the medical field or some nearly equivalent restriction of that right.

British Medical Association

CURRENT NOTES

The Winnipeg Meeting, 1930

Through the courtesy of Dr. Ross Mitchell, Editor of the *Manitoba Medical Bulletin*, we have received a photograph, reproduced on this page, of the bronze tablet recently erected in the south corridor, opposite the library door, in the Legislative Building, Winnipeg, to commemorate the successful Annual Meeting of the British Medical Association held in that city two years ago under the presidency of Professor Harvey Smith. Above the lettering appears the familiar emblem of the B.M.A., and on either side a spray of Canadian maple leaves. This charming plaque was designed by Mr. Gilbert Parfitt, provincial architect for Manitoba.



Local Work of the Association in 1931

The majority of the annual reports for 1931 of the Branches and Divisions have now been received, and they show satisfactory, and in many cases gratifying, activity on the part of most of the local units of the Association. As regards the number of meetings in the year, the Victorian Branch heads the list so far, having held no fewer than thirty-three well-attended general meetings and eighteen Branch Council meetings. The Council would be glad to hear of any other Branch or Division which can equal this record for the twelve months.

Ophthalmic Practice and Approved Societies

Ophthalmic medical practitioners would do well to exercise caution in receiving approaches made to them by some approved societies or bodies connected with members of mutual societies. We learn that attempts are being made to obtain the professional services of registered practitioners for providing ophthalmic benefit for members of these societies. Offers of remuneration, sometimes inadequate, are made with a suggestion that the work available may be concentrated in the hands of a few practitioners. There are two objections to accepting such offers of professional work. It is contrary to the expressed opinion of the profession and its best ethical practice, since it limits the free choice by the patient of his professional adviser, and ultimately restricts the independence of professional work by tending to make the practitioner the servant of the society rather than of his patient. Secondly, these separatist attempts may hamper the efforts that are being made by the medical profession as a whole through the organization of the British Medical Association to secure, through the working of the National Ophthalmic Treatment Board, fair terms of service for the work of providing ophthalmic benefit, under conditions that do not conflict with recognized private consultation work, and with a minimum of clerical labour. Ophthalmic medical practitioners, in replying to such separate offers by approved societies and others, are urged to bear these observations in mind, and to support their professional colleagues in directing the service of ophthalmic benefit through the National Ophthalmic Treatment Board, or in any case of doubt to apply for information to the Medical Secretary, B.M.A. House, Tavistock Square, W.C.1.

Lending Library: Retention of Books on Loan

Members of the Association resident in the British Isles are entitled to borrow books (up to four at any one time) from the Lending Library of the Association, at a charge of 6d. per volume, to cover cost of postage and packing, and can usually retain these books for a period of twenty-eight days. Notwithstanding repeated requests from the Librarian for return of the books, several members are keeping volumes beyond the stipulated time, and by this action they are doing a great disservice to those of their fellow members who require the same volumes. In order to save the Association considerable trouble and expense, and in the interests of their colleagues, members are urged strictly to observe the rules. Unless this is done it is impossible for the Librarian to meet the demands made upon him.

Dr. Cox's Portrait

The presentation portrait of Dr. Cox, as briefly mentioned in the *Journal* of May 7th, is now on view in Gallery III at Burlington House, in the summer exhibition of the Royal Academy. A full-page reproduction of the portrait appears in the *Royal Academy Illustrated* for 1932, published by Walter Judd, Ltd., 47, Gresham Street, E.C.2, at 2s. 6d. Dr. E. Rowland Fothergill, honorary secretary of the Testimonial Fund, asks us to state that copies of the portrait can be obtained in due course on application to the honorary treasurer of the fund, B.M.A. House, Tavistock Square, W.C.1; each order should be accompanied by a remittance. The prices (carriage paid) are as follows: print, 1s.; photograph, unmounted, 5s.; photograph, mounted, 7s. 6d.; "oil facsim.," 6s.; photogravure, 14s.; engraved copy, signed, £4 4s.; unsigned print, £2 2s.

British Medical Association

CENTENARY MEETING, LONDON, JULY, 1932

Patron : HIS MAJESTY THE KING

President : WILLIAM GEORGE WILLOUGHBY, M.D., D.P.H., Medical Officer of Health, Eastbourne

President-Elect : The Right Hon. Lord DAWSON OF PENN, G.C.V.O., K.C.B., K.C.M.G., M.D., LL.D., P.R.C.P. Physician in Ordinary to H.M. the King and H.R.H. the Prince of Wales.

Chairman of Representative Body : E. K. LE FLEMING, M.A., M.B., B.Ch.

Chairman of Council : H. B. BRACKENBURY, LL.D., M.R.C.S., L.R.C.P.

Treasurer : N. BISHOP HARMAN, LL.D., F.R.C.S.

PROVISIONAL PROGRAMME

The Annual Representative Meeting will begin at the British Medical Association House, Tavistock Square, W.C.1, on Thursday, July 21st, and be continued on the three following weekdays.

The statutory Annual General Meeting will be held at the British Medical Association House, Tavistock Square, W.C.1, on Saturday, July 23rd. The incoming President, Lord Dawson, will deliver his address at the Queen's Hall, Langham Place, on Tuesday, July 26th.

The Centenary Dinner of the Association will take place at the Albert Hall, S.W., on Thursday, July 28th.

The Popular Lecture will be given at University College, London, on Friday, July 29th, at 8 p.m., by Professor Julian Huxley, M.A.

The Annual Exhibition of Surgical Appliances, Drugs, Foods, Books, etc., will be open at the University of London, Imperial Institute Road, S.W., from Tuesday, July 26th, to Friday, July 29th, from 9 a.m. to 6 p.m.

There will be a pilgrimage to Worcester on Sunday, July 24th, for the purpose of unveiling two memorials to Sir Charles Hastings, who founded the Association at Worcester in 1832. Saturday, July 30th, will be given up to excursions.

The Scientific Sections

The clinical and scientific work of the Centenary Meeting will be divided among twenty-four Sections, meeting on Wednesday, Thursday, and Friday, July 27th, 28th, and 29th, at the Imperial College of Science and Technology, South Kensington. (The Section of Medicine will meet in the Royal Geographical Society's Hall, Kensington Gore, S.W. ; the Section of Surgery in the Imperial Institute, East Gallery ; the Section of Bacteriology in the lecture theatre of the Science Museum, South Kensington ; and the Section of Medical Sociology in the Great Hall, B.M.A. House, Tavistock Square, W.C.) We publish below the names of the Sections, with the officers appointed to each, and the provisional programmes arranged.

The following Sections will meet on Three Days

MEDICINE

President : Sir HUMPHRY ROLLESTON, Bt., G.C.V.O., K.C.B., LL.D., M.D., F.R.C.P., Cambridge.

Vice-Presidents : J. D. ADAMSON, M.D., M.R.C.P.Ed., Winnipeg, Canada ; Professor ARTHUR J. HALL, M.D., F.R.C.P., Sheffield ; Sir THOMAS HORDER, Bt., K.C.V.O., M.D., F.R.C.P., London ; ROBERT HUTCHISON, M.D., F.R.C.P., London ; Sir THOMAS LEWIS, C.B.E., F.R.S., LL.D., M.D., F.R.C.P., London ; Sir ASHLEY W. MACKINTOSH, K.C.V.O., M.D., F.R.C.P.Ed., Aberdeen ; Professor T. G. MOORHEAD, M.D., P.R.C.P.I., Dublin ; Sir RICHARD R. STAWELL, K.B.E., M.D., Melbourne, Australia ; Professor OLIVER K. WILLIAMSON, M.D., F.R.C.P., Johannesburg, South Africa.

Honorary Secretaries : A. HOPE GOSSE, M.D., F.R.C.P., 119, Harley Street, W.1 ; DONALD HUNTER, M.D., F.R.C.P., London Hospital, Whitechapel, London, E.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* Clinical Applications of the Recent Work on Bone Disease. To be opened by Prof. E. MELLANBY (Sheffield), followed by Dr. LEONARD G. PARSONS (Birmingham), Dr. T. IZOD BENNETT (London), Dr. H. BARBER (Derby), Prof. H. A. HARRIS (London), and Dr. DONALD HUNTER (London). *Paper:* Addison's Disease and its Treatment with Cortical Extract, Dr. S. LEVY SIMPSON (London).

Thursday, July 28th.—10 a.m., *Discussion :* Coronary Thrombosis. To be opened by Dr. JOHN PARKINSON (London), followed by Prof. W. T. RITCHIE (Edinburgh), Dr. CAREY F. COOMBS (Bristol), Prof. W. E. HUME (Newcastle-upon-Tyne), and Dr. D. EVAN BEDFORD (London).

Friday, July 29th (combined meeting with Section of Radiology).—10 a.m., *Discussion :* Radiology in the Diagnosis of Diseases of the Lung. To be opened by Dr. STANLEY MELVILLE (London), followed by Dr. R. A. YOUNG (London), Dr. F. G. CHANDLER (London), Dr. L. S. T. BURRELL (London), Dr. J. DUNCAN WHITE (Edinburgh), Dr. E. W. TWINING (Manchester), Dr. J. V. SPARKS (London), and Dr. W. STEUART (Johannesburg).

2.30 p.m., Visit to Mount Vernon Hospital, Northwood, where an address will be given by Sir CUTHBERT S. WALLACE on Cancer Treatment, followed by demonstrations of cancer patients treated by radiotherapy.

SURGERY

President : The Right Hon. Lord MOYNIHAN OF LEEDS, K.C.M.G., C.B., LL.D., M.S., P.R.C.S.

Vice-Presidents : Professor EDWARD W. ARCHIBALD, M.D., Montreal, Canada ; Sir LOUIS E. BARNETT, C.M.G., M.B., F.R.C.S., Otago, New Zealand ; Miss ELIZABETH BOLTON, M.D., London ; Professor A. H. BURGESS, LL.D., F.R.C.S., Manchester ; W. MCADAM ECCLES, M.S., F.R.C.S., London ; Professor G. E. GASK, C.M.G., D.S.O., F.R.C.S., London ; Sir HENRY S. NEWLAND, C.B.E., D.S.O., M.S., P.R.A.C.S., Adelaide, Australia ; Sir W. I. DE COURCY WHEELER, M.D., F.R.C.S.I., Dublin ; Professor D. P. D. WILKIE, O.B.E., M.D., Ch.M., F.R.C.S., Edinburgh.

Honorary Secretaries : JOHN B. HUNTER, *M.C.*, M.Ch., F.R.C.S., 70, Harley Street, W.1 ; REGINALD M. VICK, O.B.E., M.Ch., F.R.C.S., 113, Harley Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion :* Removal of the Prostate: (*a*) Its Indications and Methods, to be opened by Mr. J. SWIFT JOLY (London), followed by Mr. HENRY WADE (Edinburgh) ; (*b*) Its Sequels, to be opened by Mr. KENNETH M. WALKER (London), followed by Prof. A. FULLERTON (Belfast).

Thursday, July 28th.—10 a.m., *Discussion :* Indications for, and Results of, Removal of the Spleen. To be opened by Lord DAWSON and Lord MOYNIHAN, followed by Dr. J. W. MCNEE (London), Prof. J. BARCROFT (Cambridge), and Sir FRANK P. CONNOR (Bombay).

Friday, July 29th.—10 a.m., *Discussion:* Acute Intestinal Obstruction. Speakers: Sir HENRY S. NEWLAND (Adelaide), Sir WILLIAM WHEELER (Dublin), Prof. A. H. BURGESS (Manchester), Prof. D. P. D. WILKIE (Edinburgh), and Mr. V. ZACHARY COPE (London). Statistics for the years 1925–30 will be presented by Mr. REGINALD M. VICK (London).

2.30 p.m., Visit to Mount Vernon Hospital, Northwood, where an address will be given by Sir CUTHBERT S. WALLACE on Cancer Treatment, followed by demonstrations of cancer patients treated by radiotherapy.

On the afternoons of July 27th, 28th, and 29th there will be operations and demonstrations at the London hospitals.

OBSTETRICS AND GYNAECOLOGY

President: COMYNS BERKELEY, M.Ch., M.D., F.R.C.P., F.R.C.S., F.C.O.G., London.

Vice-Presidents: VICTOR BONNEY, M.D., M.S., F.R.C.S., F.R.A.C.S., London; Professor W. W. CHIPMAN, LL.D., M.D., F.R.C.S.Ed., F.C.O.G., Montreal, Canada; T. WATTS EDEN, M.D., F.R.C.P., F.R.C.S.Ed., F.C.O.G., London; V. B. GREEN-ARMYTAGE, M.D., F.R.C.P., F.C.O.G., Lieut-Colonel I.M.S., Calcutta, India; Professor J. M. MUNRO KERR, M.D., F.R.F.P.S., F.C.O.G., Glasgow; Professor C. G. LOWRY, M.D., F.R.C.S.I., F.C.O.G., Belfast; Dame A. LOUISE MCILROY, D.B.E., M.D., M.R.C.P., F.C.O.G., London; Sir EWEN J. MACLEAN, M.D., F.R.C.P., F.C.O.G., Cardiff; D. H. WESSELS, M.B., F.R.C.S.Ed., F.C.O.G., Capetown, South Africa.

Honorary Secretaries: Miss ALICE BLOOMFIELD, M.D., Ch.M., F.R.C.S., M.C.O.G., 14, Harley Street, W.1; WILFRED SHAW, M.D., F.R.C.S., F.C.O.G., 31, Weymouth Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Indications for the Induction of Abortion. To be opened by Prof. H. BECKWITH WHITEHOUSE (Birmingham), followed by Prof. A. H. M. J. VAN ROOY (Amsterdam).

Thursday, July 28th.—10 a.m., *Discussion:* The Treatment of Carcinoma of the Uterus. To be opened by Prof. F. VOLTZ (Munich), Dr. A. LACASSAGNE (Paris), and Mr. VICTOR BONNEY (London), followed by Dr. GRAY WARD (New York).

Friday, July 29th.—10 a.m., *Paper:* The Conservative Treatment of Rupture of the Uterus, Prof. NAGUIB MAHFOUZ BEY (Cairo).

PHYSICAL MEDICINE (INCLUDING PHYSIOTHERAPY, ELECTROTHERAPY, RADIOTHERAPY, AND BALNEOLOGY)

President: Sir LEONARD E. HILL, F.R.S., LL.D., M.B., Chalfont St. Peter.

Vice-Presidents: CHARLES W. BUCKLEY, M.D., M.R.C.P., Buxton; E. P. CUMBERBATCH, M.B., M.R.C.P., D.M.R.E., London; R. FORTESCUE FOX, M.D., F.R.C.P., London; Sir HENRY J. GAUVAIN, M.D., M.Ch., F.R.C.S., Alton; N. D. ROYLE, M.B., Sydney, Australia; F. G. THOMSON, M.D., F.R.C.P., Bath; Sir ROBERT STANTON WOODS, M.D., M.R.C.P., London.

Honorary Secretaries: FRANK D. HOWITT, C.V.O., M.D., M.R.C.P., 87, Harley Street, W.1; MATTHEW B. RAY, D.S.O., M.D., 6, Bentinck Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Role of Manipulation and Electricity in Therapeutics. To be opened by Dr. J. B. MENNELL (London) (Manipulation) and Dr. E. P. CUMBERBATCH (London) (Electricity), followed by Sir R. STANTON WOODS (London).

Thursday, July 28th.—10 a.m., *Discussion:* The Menace of Quackery in Physical Medicine. To be opened by Dr. C. B. HEALD (London), followed by Dr. F. D. HOWITT (London), Dr. M. B. RAY (London), and Dr. C. W. BUCKLEY (Buxton).

2 p.m. to 6 p.m.—The British Red Cross Clinic for Rheumatism, Peto Place, Marylebone Road, will be open for inspection by members and their friends attending the Centenary Meeting.

Friday, July 29th.—10 a.m., *Discussion:* Influence of Open Air, Light, Atmospheric Pressure, and Temperature in the Treatment of Disease, with Special Reference to Pulmonary Tuberculosis. To be opened by Sir HENRY GAUVAIN (Alton), followed by Sir LEONARD HILL (Chalfont St. Peter).

PUBLIC HEALTH (INCLUDING INDUSTRIAL DISEASES AND INDUSTRIAL PSYCHOLOGY)

President: Sir GEORGE NEWMAN, K.C.B., LL.D., M.D., F.R.C.P., D.P.H., London.

Vice-Presidents: JOHN C. BRIDGE, F.R.C.S.Ed., M.R.C.P.Ed., D.P.H., London; A. K. CHALMERS, LL.D., M.D., F.R.F.P.S., D.P.H., Glasgow; J. H. L. CUMPSTON, C.M.G., M.D., D.P.H., Canberra, Australia; J. D. GRAHAM, C.B., C.I.E., M.B., Major-General I.M.S., Simla, India; Professor W. W. JAMESON, M.D., F.R.C.P., D.P.H., London; Sir FREDERICK KAY MENZIES, K.B.E., M.D., F.R.C.P.Ed., D.P.H., London; C. KILLICK MILLARD, M.D., Leicester; A. J. ORENSTEIN, C.M.G., LL.D., M.D., Johannesburg, South Africa; R. M. F. PICKEN, M.B., Ch.B., D.P.H., Cardiff.

Honorary Secretaries: A. SALUSBURY MACNALTY, M.D., F.R.C.P., D.P.H., Ministry of Health, Whitehall, S.W.1; W. E. COOKE, M.D., F.R.C.P.Ed., D.P.H., "Aragon," Swinley Road, Wigan.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Attenuation and Prevention of Measles. To be opened by Prof. C. C. OKELL (London), followed by Dr. D. N. NABARRO (London), Dr. W. GUNN (London), and Dr. T. M. HUNTER (Glasgow). *Paper:* The Effect of Certain Physical Factors on the Mental Capacity of School Children, Dr. J. RIDDELL (Stirling).

Thursday, July 28th.—10 a.m., *Discussions:* (1) The Importance of Vocational Guidance for the Preservation of the Health of the Industrial Worker. To be opened by Dr. A. MACRAE (London), followed by Dr. R. D. GILLESPIE (London) and Dr. MAY SMITH (London). (2) Skin Diseases in Relation to Industry. To be opened by Dr. W. J. O'DONOVAN (London), followed by Dr. H. D. HALDIN-DAVIS (London).

Friday, July 29th.—10 a.m., *Discussion:* Maternity and Child Welfare Services in their Relation to the Public Health. To be opened by Dame JANET CAMPBELL (London), followed by Prof. E. GORTER (Leyden), Dr. D. H. PATERSON (London), and Dr. W. M. ASH (Derby). *Paper:* Paratyphoid and Water Supply, Sir ALEXANDER C. HOUSTON (London).

(In connexion with this Section, the Home Office Museum in Horseferry Road, London, S.W., the Public Health Museum at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C., and the Laboratories, Research Rooms, and Testing Rooms of the National Institute of Industrial Psychology, Aldwych House, London, W.C., are open to members of the Association attending the Centenary Meeting.)

OTO-LARYNGOLOGY

President: Sir STCLAIR THOMSON, LL.D., M.D., F.R.C.P., F.R.C.S., London.

Vice-Presidents: Professor H. S. BIRKETT, C.B., LL.D., M.D., Montreal, Canada; R. GRAHAM BROWN, M.R.C.S., L.R.C.P., F.R.A.C.S., Brisbane, Queensland; Sir JAMES DUNDAS-GRANT, K.B.E., M.D., F.R.C.S., London; PERRY G. GOLDSMITH, M.D., Toronto, Canada; DAN MCKENZIE, M.D., F.R.C.S.Ed., London; D. ROSE PATERSON, M.D., F.R.C.P., Cardiff; HERBERT TILLEY, M.D., B.S., F.R.C.S., London; A. LOGAN TURNER, M.D., F.R.C.S.Ed., Edinburgh; P. WATSON-WILLIAMS, M.D., Bristol.

Honorary Secretaries: V. E. NEGUS, M.B., M.S., F.R.C.S., 149, Harley Street, W.1; F. W. WATKYN-THOMAS, F.R.C.S., 14, Welbeck Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Otitis Media of Sucklings. To be opened by Mr. W. M. MOLLISON (London), followed by Dr. LEONARD FINDLAY (London), Mr. DOUGLAS J. GUTHRIE (Edinburgh), Dr. JEAN L. SMITH (London), and Dr. J. H. GIBBENS (London).

Thursday, July 28th.—10 a.m., *Discussion:* Intrathoracic New Growths and the Value of Bronchoscopy in Diagnosis and Treatment. To be opened by Dr. MAURICE DAVIDSON (London), followed by Dr. STANLEY MELVILLE (London) and Mr. V. E. NEGUS (London). *Paper:* The Radiographic Demonstration of Sinusitis, Dr. H. K. GRAHAM-HODGSON (London).

3.30 p.m., Demonstration of Clinical Cases at the Central London Throat, Nose and Ear Hospital, Gray's Inn Road, W.C.1.

Friday, July 29th.—10 a.m., *Discussion:* End-results of the Tonsil and Adenoid Operation in Childhood and Adolescence. To be opened by Dr. J. ALISON GLOVER (London), followed by Dr. REGINALD H. MILLER (London), Mr. J. A. KEEN (Leicester), Dr. R. GRAHAM BROWN (Brisbane), and Mr. C. HAMBLEN THOMAS (London). *Paper:* Diseases of the Tonsils due to Fungi, Sir ALDO CASTELLANI (London).

N.B.—Members willing to join in any of the above discussions, or willing to show specimens for exhibition in the Museum, especially such as illustrate the subjects under discussion, are asked to communicate with Mr. F. W. Watkyn-Thomas, joint honorary secretary of the Section.

The Section Museum will be in the hands of Mr. E. D. D. Davis (46, Harley Street, W.1.); it will comprise historical and pathological instruments, and specimens illustrating the subjects for discussion in the Section.

PATHOLOGY

President: Professor ROBERT MUIR, F.R.S., LL.D., M.D., F.R.C.P.Ed., Glasgow.

Vice-Presidents: Professor WILLIAM BOYD, M.D., M.R.C.P. Ed., Winnipeg, Canada; Professor ROBERT DONALDSON, M.D., F.R.C.S.Ed., London; A. G. GIBSON, M.D., F.R.C.P., Oxford; Professor GEOFFREY HADFIELD, M.D., F.R.C.P., London; Professor I. WALKER HALL, M.D., Bristol; Professor E. H. KETTLE, M.D., F.R.C.P., London; Professor B. J. RYRIE, M.B., Ch.B., Capetown, South Africa; Professor M. J. STEWART, M.B., F.R.C.P., Leeds.

Honorary Secretaries: A. B. BRATTON, D.S.O., *M.C.*, M.B., Bernhard Baron Institute of Pathology, London Hospital, E.1; Miss JOAN M. ROSS, M.D., Pathological Department, Royal Free Hospital, Gray's Inn Road, W.C.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Pneumonoconioses. To be opened by Prof. E. H. KETTLE (London), followed by Prof. LEROY U. GARDNER (Saranac Lake, U.S.A.), Prof. M. J. STEWART (Leeds), Dr. H. M. CARLETON (Oxford), Prof. S. LYLE CUMMINS (Cardiff), Dr. A. F. S. SLADDEN (Swansea), Dr. NORMAN TATTERSALL (Leeds), Dr. W. E. COOKE (Wigan), and Prof. STUART MCDONALD (Newcastle-on-Tyne).

Thursday, July 28th.—10 a.m., *Discussion:* Cholesterol Metabolism in Disease. To be opened by Mr. J. A. GARDNER (London), followed by Prof. LUDWIG ASCHOFF (Freiburg), Prof. E. C. DODDS (London), Dr. J. W. MCNEE (London), Dr. S. C. DYKE (Wolverhampton), Dr. H. GAINSBOROUGH (London), Dr. J. M. H. CAMPBELL (London), and Dr. R. SCHOENHEIMER (Freiburg). *Paper:* Adamantinoma of the Tibia, Prof. B. J. RYRIE (Capetown).

Friday, July 29th (combined meeting with Section of Bacteriology).—10 a.m., *Discussion:* Tissue Changes in Virus Infections. To be opened by Prof. J. C. G. LEDINGHAM (London), followed by Prof. E. PASCHEN (Hamburg), Dr. S. P. BEDSON (London), Dr. J. R. PERDRAU (London), Dr. G. W. M. FINDLAY (London), and Dr. R. W. FAIRBROTHER (Manchester).

BACTERIOLOGY

President: Sir ALMROTH E. WRIGHT, K.B.E., C.B., F.R.S., LL.D., M.D., London.

Vice-Presidents: Professor J. M. BEATTIE, M.D., Liverpool; Professor CARL H. BROWNING, F.R.S., M.D., Glasgow; Sir S. R. CHRISTOPHERS, C.I.E., F.R.S., O.B.E., M.B., Kasauli, India; S. R. DOUGLAS, F.R.S., M.R.C.S., L.R.C.P., London; Professor J. G. FITZGERALD, LL.D., M.D., Toronto, Canada; MERVYN H. GORDON, C.M.G., C.B.E., F.R.S., M.D., London; Sir THOMAS HOUSTON, O.B.E., M.D., Belfast; Professor J. C. G. LEDINGHAM, C.M.G., F.R.S., M.B., F.R.C.P., London; Sir F. SPENCER LISTER, LL.D., M.R.C.S., L.R.C.P., Johannesburg, South Africa.

Honorary Secretaries: Professor ALEXANDER FLEMING, M.B., F.R.C.S., Inoculation Department, St. Mary's Hospital, Paddington, W.2; JOHN O. OLIVER, M.B., B.S., 40, Queen Anne Street, Cavendish Square, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Immunological Basis of Prophylactic Inoculation against Bacterial Diseases. To be opened by Sir ALMROTH WRIGHT (London), followed by Dr. H. SCHÜTZE (London), Dr. J. A. ARKWRIGHT (London), Prof. MAJOR GREENWOOD (London), and Prof. TH. MADSEN (Copenhagen).

Thursday, July 28th.—10 a.m., *Discussion:* The Bacteriological Aspects of Milk-borne Infections. To be opened by Captain S. R. DOUGLAS (London), followed by Dr. A. T. R. MATTICK (Reading), Sir W. DALRYMPLE-CHAMPNEYS (London), Dr. F. C. MINETT (London), Col. E. C. G. MADDOCK (Reading), and Dr. A. STANLEY GRIFFITHS (Cambridge).

Friday, July 29th (combined meeting with Section of Pathology). 10 a.m., *Discussion:* Tissue Changes in Virus Infections. To be opened by Prof. J. C. G. LEDINGHAM (London), followed by Prof. E. PASCHEN (Hamburg), Dr. S. P. BEDSON (London), Dr. J. R. PERDRAU (London), Dr. G. W. M. FINDLAY (London), and Dr. R. W. FAIRBROTHER (Manchester).

RADIOLOGY

President: STANLEY MELVILLE, M.D., M.R.C.P., London.

Vice-Presidents: A. E. BARCLAY, O.B.E., M.D., D.M.R.E., Cambridge; N. S. FINZI, M.B., D.M.R.E., London; H. M. HEWLETT, M.D., Melbourne, Australia; C. THURSTAN HOLLAND, Ch.M., F.R.C.S., Liverpool; A. BRUCE MACLEAN, M.D., Glasgow; Professor J. M. WOODBURN MORISON, M.D., F.R.C.P.Ed., D.M.R.E., London; A. HOWARD PIRIE, M.D., Montreal, Canada; S. GILBERT SCOTT, M.R.C.S., L.R.C.P., D.M.R.E., London; WILLIAM STEUART, M.R.C.S., L.R.C.P., Johannesburg, South Africa.

Honorary Secretaries: W. M. LEVITT, M.B., M.R.C.P., D.M.R.E., 2, Stone Buildings, Lincoln's Inn, W.C.2; J. F. BRAILSFORD, M.D., 20, Highfield Road, Edgbaston, Birmingham.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Radiographic Investigation of Lumbar and Sciatic Pain. To be opened by Dr. J. F. BRAILSFORD (Birmingham), General and Dental; followed by Dr. R. M. BEATH (Belfast), Urinary Tract; Dr. H. K. GRAHAM-HODGSON (London), Sinuses; Dr. R. S. PATERSON (Manchester), Alimentary Tract; Dr. R. E. ROBERTS (Liverpool), Paget's Disease and Malignant Bone Conditions; and Dr. S. GILBERT SCOTT (London), Arthritis.

2 p.m. to 4 p.m.—The Radiological Department of St. Bartholomew's Hospital will be open for inspection. There will be a demonstration of cases treated by *x* rays and radium.

Thursday, July 28th.—10 a.m., *Discussion:* The Treatment of Inflammatory Conditions by Radiations. To be opened by Dr. J. H. DOUGLAS WEBSTER (London), followed by Dr. A. HOWARD PIRIE (Montreal), Dr. J. E. A. LYNHAM (London), Dr. W. HOPE FOWLER (Edinburgh), and Dr. W. M. LEVITT (London). *Papers:* Gastro-ileal Reflex in Appendicitis, Dr. A. BRUCE MACLEAN (Glasgow); Radiographic Pelvimetry, Dr. L. A. ROWDEN (Leeds); Intravenous Physiography in Children, Dr. C. G. TEALL (Birmingham).

2 p.m. to 6 p.m.—The British Red Cross Clinic for Rheumatism, Peto Place, Marylebone Road, will be open for inspection. A lantern demonstration will be given by Dr. S. GILBERT SCOTT (London) on The Influence of Radiology in the Diagnosis and Treatment of Chronic Rheumatic Diseases.

Friday, July 29th (combined meeting with Section of Medicine).—10 a.m., *Discussion:* Radiology in the Diagnosis of Diseases of the Lung. To be opened by Dr. STANLEY MELVILLE (London), followed by Dr. R. A. YOUNG (London), Dr. F. G. CHANDLER (London), Dr. L. S. T. BURRELL (London), Dr. J. DUNCAN WHITE (Edinburgh), Dr. E. W. TWINING (Manchester), Dr. J. V. SPARKS (London), and Dr. W. STEUART (Johannesburg).

(*a*) 2 p.m. to 5 p.m.—The Radiological Department of the Cancer Hospital, Fulham Road, S.W.3, will be open for inspection, and the new 400,000-volt apparatus for deep *x*-ray therapy will be demonstrated.

(*b*) The Radiological Department of the Brompton Hospital for Consumption, Fulham Road, S.W.3, will be open for inspection, and there will be a demonstration of radiological apparatus.

COMPARATIVE MEDICINE

President: Professor F. A. E. CREW, M.D., D.Sc., Edinburgh.

Vice-Presidents: JOSEPH A. ARKWRIGHT, F.R.S., M.D., F.R.C.P., London; Professor J. B. BUXTON, F.R.C.V.S., Cambridge; Sir FRANK J. COLYER, K.B.E., F.R.C.S. (London); Colonel A. E. HAMERTON, C.M.G., D.S.O., M.R.C.S., R.A.M.C. (ret.), London; Professor FREDERICK T. G. HOBDAY, C.M.G., F.R.C.V.S., London; Professor T. J. MACKIE, M.D., Edinburgh; Sir PETER CHALMERS MITCHELL, C.B.E., F.R.S., LL.D., D.Sc., London; Major-General Sir JOHN MOORE, K.C.M.G., C.B., F.R.C.V.S., London.

Honorary Secretaries: S. ZUCKERMAN, M.R.C.S., L.R.C.P., 7, Ormond Terrace, N.W.8; T. W. M. CAMERON, Ph.D., D.Sc., M.R.C.V.S., Zoology Department, The University, Edinburgh.

The programme for this Section is incomplete, but the following discussions and papers have been arranged, and further details will appear later.

Discussions.—(1) Aetiology of Dental Caries: Chairman, Sir FRANK COLYER (London); Speakers, Dr. F. W. BRODERICK (Bournemouth), Mrs. MAY MELLANBY (Sheffield), Dr. I. H. MACLEAN (London), and Dr. E. SPRAWSON (London). (2) Reproduction: Chairman, Prof. F. A. E. CREW (Edinburgh). (3) Senescence.

Papers.—The Genetics and Derangements Common to Man and Animals, Prof. F. A. E. CREW; The Pregnancy Test in Mares, Mr. W. C. MILLER (Edinburgh); Nerve Degenerations in Equines, Major W. M. MITCHELL (Edinburgh).

The following Sections will meet on Two Days

NEUROLOGY

President: Sir E. FARQUHAR BUZZARD, Bt., K.C.V.O., LL.D., M.D., F.R.C.P., Oxford.

Vice-Presidents: A. STANLEY BARNES, M.D., F.R.C.P., Birmingham; Professor EDWIN BRAMWELL, M.D., F.R.C.P., Edinburgh; ALFRED W. CAMPBELL, M.D., Sydney, Australia; JAMES S. COLLIER, M.D., F.R.C.P., London; GORDON M. HOLMES, C.M.G., C.B.E., M.D., F.R.C.P., London; GOLDWIN W. HOWLAND, M.B., F.R.C.P.(C.), Toronto,

Canada; GEOFFREY JEFFERSON, M.S., F.R.C.S., Manchester; Sir PERCY SARGENT, C.M.G., D.S.O., M.B., F.R.C.S., London.

Honorary Secretaries: W. RUSSELL BRAIN, M.D., F.R.C.P., 105, Harley Street, W.1; MACDONALD CRITCHLEY, M.D., F.R.C.P., 137, Harley Street, W.1.

The following provisional programme has been arranged:

Thursday, July 28th.—10 a.m., *Discussion:* The Aetiological and Clinical Aspects of Disseminated Sclerosis. To be opened by Dr. W. J. ADIE (London), followed by Dr. D. MCALPINE (London), Dr. R. S. ALLISON (Belfast), Dr. J. S. COLLIER (London), Dr. C. P. SYMONDS (London), Dr. C. C. WORSTER-DROUGHT (London), and Dr. F. R. FERGUSON (Manchester).

Friday, July 29th.—10 a.m., *Discussion:* Disorders of the Sympathetic Nervous System and their Response to Medical and Surgical Treatment. To be opened by Prof. EDWIN BRAMWELL (Edinburgh), followed by Sir PERCY SARGENT (London), Dr. A. F. HURST (London), Mr. GEOFFREY JEFFERSON (Manchester), Prof. E. D. TELFORD (Manchester), and Dr. W. RUSSELL BRAIN (London).

Arrangements have been made for afternoon demonstrations at the National Hospital, Queen Square, W.C., as follows:

Thursday, July 28th.—2 p.m. to 3.30 p.m., Ward Round by Dr. GORDON M. HOLMES; 3.30 p.m. to 4.30 p.m., Demonstration of Clinical Cases by Dr. JAMES S. COLLIER (in Lecture Theatre); 4.30 p.m., Demonstration of Injection of Gasserian Ganglion by Dr. WILFRED J. HARRIS (in Lecture Theatre).

Friday, July 29th.—2 p.m. to 3 p.m., Operations by Mr. DONALD J. ARMOUR and Sir PERCY SARGENT (in Operating Theatre); 3.30 p.m. to 4.30 p.m., Demonstration of Clinical Cases by Dr. S. A. KINNIER WILSON (in Lecture Theatre).

Motor conveyances will be provided between South Kensington and Queen Square, and tea will be provided at the hospital. Numbers limited to 20 for the operations on Friday afternoon, and to 50 for other demonstrations and ward round.

DISEASES OF CHILDREN

President: G. F. STILL, LL.D., M.D., F.R.C.P., London.

Vice-Presidents: LEONARD FINDLAY, M.D., F.R.F.P.S., London; Professor JOHN FRASER, *M.C.*, M.D., F.R.C.S.Ed., Edinburgh; C. PAGET LAPAGE, M.D., F.R.C.P., Manchester; C. MAX PAGE, D.S.O., M.S., F.R.C.S., London; LEONARD G. PARSONS, M.D., F.R.C.P., Birmingham; GEORGE R. PIRIE, M.B., F.R.C.P., Toronto, Canada; F. JOHN POYNTON, M.D., F.R.C.P., London; H. DOUGLAS STEPHENS, M.D., M.S., F.R.A.C.S., Melbourne, Australia.

Honorary Secretaries: ROBERT A. RAMSAY, M.Ch., F.R.C.S., 123, Gloucester Terrace, Hyde Park, W.2; W. G. WYLLIE, M.D., M.R.C.P., Flat 5, 20, Wigmore Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Pneumococcal and Streptococcal Peritonitis. To be opened by Mr. L. E. BARRINGTON-WARD (London), followed by Dr. J. C. SPENCE (Newcastle-upon-Tyne), Mr. S. G. BARLING (Birmingham), and Dr. A. G. MAITLAND-JONES (London). *Papers:* Modern Methods in the Recognition and Treatment of Congenital Abnormalities of the Genito-Urinary Tract, Mr. R. OGIER WARD (London); The Relation of Preventive and Clinical Medicine in Reference to Children, Dr. R. H. CROWLEY (London).

3 p.m.—Demonstration of Cases at Hospital for Sick Children, Great Ormond Street, W.C.1.

Thursday, July 28th.—10 a.m., *Discussion:* Bronchiectasis. To be opened by Prof. CHARLES MCNEIL (Edinburgh), followed by Dr. J. H. THURSFIELD (London), Dr. STANLEY G. GRAHAM (Glasgow), Mr. J. E. H. ROBERTS (London), Dr. H. TUKE ASHBY (Manchester), and Dr. N. B. CAPON (Liverpool). *Papers:* The Role of Vitamins and Minerals in Growth and Resistance to Disease, Dr. ALAN BROWN (Toronto); Osteomyelitis, Mr. C. P. G. WAKELEY (London).

PHARMACOLOGY AND THERAPEUTICS

President: Professor J. A. GUNN, M.D., Oxford.

Vice-Presidents: J. H. BURN, M.D., Harrow; Professor A. J. CLARK, *M.C.*, F.R.S., M.D., F.R.C.P., Edinburgh; Professor WALTER J. DILLING, M.B., Ch.B., Liverpool; Professor FRANCIS R. FRASER, M.D., F.R.C.P., London; Professor J. W. C. GUNN, M.B., Ch.B., Capetown, South Africa; PHILIP HAMILL, M.D., F.R.C.P., London; Professor REGINALD ST. A. HEATHCOTE, M.D., Cairo, Egypt; Professor V. E. HENDERSON, M.B., Toronto, Canada; Professor R. STOCKMAN, M.D., F.R.C.P.Ed., Glasgow.

Honorary Secretaries: J. CLIFFORD HOYLE, M.D., M.R.C.P., London Hospital, E.1; Professor E. B. VERNEY, M.B., F.R.C.P., 101, Bow Lane, Finchley, N.12.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Serum Treatment of Pneumonia. To be opened by Dr. R. CECIL (New York), followed by Prof. L. STANLEY P. DAVIDSON (Aberdeen), Prof. D. MURRAY LYON (Edinburgh), Dr. R. R. ARMSTRONG (London), Dr. R. CRUICKSHANK (Glasgow), and Dr. J. A. RYLE (London).

Thursday, July 28th.—10 a.m., *Discussion:* The Outlook of Research in Therapeutics. To be opened by Prof. J. A. GUNN (Oxford), followed by Prof. V. E. HENDERSON (Toronto), Dr. ROBERT HUTCHISON (London), and Dr. J. H. BURN (London). 12 noon, *Paper:* The Effect of Copper and Manganese on the Therapeutic Action of Iron, Dr. J. H. SHELDON (Wolverhampton).

PHYSIOLOGY AND BIOCHEMISTRY

President: Sir HENRY DALE, C.B.E., F.R.S., M.D., F.R.C.P., London.

Vice-Presidents: Professor J. B. COLLIP, M.D., Montreal, Canada; Sir F. GOWLAND HOPKINS, P.R.S., LL.D., M.B., F.R.C.P., Cambridge; Professor W. A. JOLLY, LL.D., M.B., Ch.B., Capetown, South Africa; Professor E. MELLANBY, F.R.S., M.D., F.R.C.P., Sheffield; Professor J. MELLANBY, F.R.S., M.D., London; Professor W. A. OSBORNE, M.B., B.Ch., Melbourne, Australia; Professor M. S. PEMBREY, F.R.S., M.D., London; Professor H. E. ROAF, M.D., London; Sir CHARLES S. SHERRINGTON, O.M., G.B.E., F.R.S., M.D., F.R.C.P., Oxford.

Honorary Secretaries: Professor E. C. DODDS, M.V.O., M.D., M.R.C.P., Courtauld Institute of Biochemistry, Middlesex Hospital, W.1; REGINALD HILTON, M.D., F.R.C.P., Dunn Laboratories, St. Bartholomew's Hospital, E.C.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., Presidential Address by Sir HENRY H. DALE (London) on The Relationship between Physiology and Medicine, followed by Sir THOMAS LEWIS (London), Dr. C. G. DOUGLAS (Oxford), Dr. J. A. RYLE (London), and Dr. F. R. WINTON (Cambridge).

Thursday, July 28th.—10 a.m., *Discussion:* The Bearing of Recent Research on the Sex Hormones on Clinical Medicine. To be opened by Dr. F. H. A. MARSHALL (Cambridge), followed by Dr. A. BUTENANDT (Göttingen), Dr. CAMPBELL (Montreal), Prof. J. B. COLLIP (Montreal), Dr. A. E. DOISY (St. Louis, Mo.), Dr. H. M. EVANS (Berkeley, California), Dr. G. F. MARRIAN (London), and Dr. A. S. PARKES (London).

OPHTHALMOLOGY

President: Sir J. HERBERT PARSONS, C.B.E., F.R.S., LL.D., M.B., F.R.C.S., London.

Vice-Presidents: W. GORDON M. BYERS, M.D., Montreal, Canada; J. JAMESON EVANS, M.D., F.R.C.S., Birmingham; N. BISHOP HARMAN, LL.D., M.B., F.R.C.S., London; Sir WILLIAM T. LISTER, K.C.M.G., M.D. F.R.C.S., London; R. FOSTER MOORE, O.B.E., F.R.C.S., London; FRANCIS H. NAPIER, O.B.E., LL.D., M.B., F.R.C.S., Johannesburg, South Africa; D. D. PATON, M.B., Ch.B., F.R.A.C.S., Perth, Western Australia; C. H. USHER, M.B., F.R.C.S.Ed., Aberdeen; CYRIL H. WALKER, M.B., F.R.C.S., Clifton.

Honorary Secretaries: W. S. DUKE-ELDER, M.D., F.R.C.S., 59, Harley Street, W.1; J. W. TUDOR THOMAS, M.D., M.S., F.R.C.S., Clifton Lodge, 16, Cathedral Road, Cardiff.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Ocular Manifestations of Lesions of the Fifth Nerve. To be opened by Mr. R. FOSTER MOORE (London) and Dr. C. M. HINDS HOWELL (London), followed by Mr. HUGH W. B. CAIRNS (London), Sir WILLIAM T. LISTER (London), Mr. W. S. DUKE-ELDER (London), Dr. HUGH A. CARLETON (Bristol), Mr. J. H. DOGGART (London), Dr. A. J. BALLANTYNE (Glasgow), and Mr. CHARLES RUDD (Birmingham).

During the afternoon there will be scientific demonstrations of subjects of ophthalmological interest in the Physiology Laboratory of University College, in association with the Physiological Society.

Thursday, July 28th.—10 a.m., *Papers:* The Circulation of the Ciliary Fluid, Dr. R. A. KERRY (Montreal); The Diagnosis and Treatment of Tuberculous Disease of the Eye, Dr. W. CAMAC WILKINSON (London); Temporary Changes in the Refraction of the Eye in Diabetes, Mr. R. A. GREEVES (London); A Preliminary Note on Aspiration of the Vitreous, Mr. F. A. JULER (London); Ophthalmology in General Practice, Mr. D. V. GIRI (Eastbourne); Some Effects of Glare upon the Eye, Squadron Leader P. C. LIVINGSTON, R.A.F.M.S.

It is proposed to arrange two tours during the afternoon, one to the L.C.C. Hospital at Swanley, and the other to institutes of ophthalmological interest in London, including a myope school, the works of the United Kingdom Optical Company, etc.

ORTHOPAEDICS

President: Sir ROBERT JONES, Bt., K.B.E., C.B., LL.D., Ch.M., F.R.C.S., Liverpool.

Vice-Presidents: W. ROWLEY BRISTOW, M.B., F.R.C.S., London; R. C. ELMSLIE, O.B.E., M.S., F.R.C.S., London; H. A. T. FAIRBANK, D.S.O., O.B.E., M.S., F.R.C.S., London; Professor W. E. GALLIE, M.D., Toronto, Canada; G. R. GIRDLESTONE, M.B., F.R.C.S., Oxford; Professor ERNEST W. HEY GROVES, M.D., M.S., F.R.C.S., Bristol; Sir DONALD J. McGAVIN, C.M.G., D.S.O., M.D., F.R.C.S., Wellington, New Zealand; HARRY PLATT, M.D., M.S., F.R.C.S., Manchester; R. B. WADE, M.D., Ch.M., F.R.A.C.S., Sydney, Australia.

Honorary Secretaries: E. P. BROCKMAN, M.B., M.Ch., F.R.C.S., 73, Harley Street, W.1.; GEORGE PERKINS, *M.C.*, M.B., M.Ch., F.R.C.S., 102, Harley Street, W.1.

The following provisional programme has been arranged:

Thursday, July 28th.—10 a.m., *Discussion:* Colles's Fracture. To be opened by Mr. HARRY PLATT (Manchester), followed by Sir W. I. DE C. WHEELER (Dublin) and Mr. W. A. COCHRANE (Edinburgh).

3 p.m.—Demonstration, Treatment of Tuberculous Disease of the Hip-joint, by Dr. W. T. G. PUGH, at Queen Mary's Hospital, Carshalton.

Friday, July 29th.—10 a.m., *Discussion:* Osteo-arthritis of the Hip-joint. To be opened by Mr. R. C. ELMSLIE (London), Aetiology and Diagnosis, and Prof. ERNEST W. HEY GROVES (Bristol), Treatment.

DERMATOLOGY AND VENEREAL DISEASES

President: H. W. BARBER, M.B., F.R.C.P., London.

Vice-Presidents: J. FRED BURGESS, M.B., Montreal, Canada; S. ERNEST DORE, M.D., F.R.C.P., London; A. RUPERT HALLAM, M.D., Sheffield; Colonel L. W. HARRISON, D.S.O., M.B., F.R.C.P.Ed., London; DAVID LEES, D.S.O., M.B., F.R.C.P.Ed., F.R.C.S.Ed., Edinburgh; HENRY MACCORMAC, C.B.E., M.D., F.R.C.P., London; E. H. MOLESWORTH, M.D., Sydney, Australia; J. GOODWIN TOMKINSON, M.D., Glasgow, W.

Honorary Secretaries: Miss GLADYS M. SANDES, M.B., F.R.C.S., 98, Portland Place, W.1; J. E. M. WIGLEY, M.B., M.R.C.P., 132, Harley Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Use of Non-specific Therapy. To be opened by Dr. R. CRANSTON LOW (Edinburgh), followed by Dr. HENRY MACCORMAC (London), Dr. NORMAN F. C. BURGESS (Bristol), and Dr. J. T. INGRAM (Leeds).

Thursday, July 28th.—10 a.m., *Discussion:* The Principles of Diagnosis and the Modern Treatment of Early Venereal Disease in Women. To be opened by Mr. J. JOHNSTON ABRAHAM (London), followed by Col. L. W. HARRISON (London) and Dr. T. ANWYL DAVIES (London), Dr. E. W. ASSINDER (Birmingham), and Dr. MARGARET RORKE (London). *Papers:* Recurrent Boils; Some Points in the Aetiology, Complications, and Treatment, Dr. A. RUPERT HALLAM (Sheffield); Acne, a Symptom, not a Disease, Dr. P. B. MUMFORD (Manchester); Quinine Desensitization, Dr. J. F. BURGESS (Montreal); The Statistics of a Dermatological Clinic, Dr. W. J. O'DONOVAN (London) and Dr. A. BURROWS (Bromley); The Treatment of Epithelioma by means of Radon, Dr. J. H. T. DAVIES (Hove); The Infective Eczemas of the Scalp, Dr. G. B. DOWLING (London). Mr. DAVID LEES (Edinburgh) (title to be announced later).

ANAESTHETICS (INCLUDING PSYCHO-ANAESTHESIA)

President: Sir FRANCIS E. SHIPWAY, K.C.V.O., M.D., London.

Vice-Presidents: R. E. APPERLY, M.R.C.S., L.R.C.P., London; WESLEY BOURNE, M.D., C.M., F.R.C.P.(C.), Montreal, Canada; GILBERT BROWN, M.B., Ch.B., Adelaide, Australia; ASHLEY S. DALY, M.R.C.S., L.R.C.P., London; G. W. BAMPFYLDE DANIELL, M.R.C.S., L.R.C.P., Hermanus, C.P., South Africa; HENRY W. FEATHERSTONE, M.D., Birmingham; A. L. FLEMMING, M.B., Ch.B., Bristol; C. LANGTON HEWER, M.B., B.S., London; E. FALKNER HILL, M.B., Ch.B., Manchester.

Honorary Secretaries: W. HOWARD JONES, M.B., B.S., 43, Cambridge Street, Hyde Park, W.2; F. B. PARSONS, M.D., M.R.C.P., 56, Trumpington Street, Cambridge.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Choice of Anaesthetic for Abdominal Surgery. To be opened by Prof. H. FINSTERER (Vienna), followed by Mr. G. GORDON-TAYLOR (London), Mr. A. J. WALTON (London), and Mr. NORMAN C. LAKE (London). *Paper:* Spinal Analgesia, Dr. E. FALKNER HILL (Manchester).

Thursday, July 28th.—10 a.m., *Discussion:* The Care of the Lungs in General Anaesthesia. To be opened by Dr. H. W. FEATHERSTONE (Birmingham), followed by Sir J. CHARLTON BRISCOE (London) and Dr. GEOFFREY MARSHALL (London). *Paper:* The Effects of Anaesthetics on the Liver, Dr. WESLEY BOURNE (Montreal).

TROPICAL MEDICINE

President: Sir LEONARD ROGERS, K.C.S.I., C.I.E., F.R.S., M.D., F.R.C.P., F.R.C.S., London.

Vice-Presidents: H. W. ACTON, C.I.E., M.R.C.S., L.R.C.P., Lieut.-Colonel I.M.S., Calcutta, India; A. BREINL, M.D., Townsville, North Queensland; Professor R. T. LEIPER, F.R.S., M.D., London; Lieut.-Colonel W. GLEN LISTON, C.I.E., M.D., F.R.C.P.Ed., Edinburgh; Sir RONALD ROSS, K.C.B., K.C.M.G., F.R.S., M.D., F.R.C.S., London; A. T. STANTON, C.M.G., M.D., F.R.C.P., London; Professor WARRINGTON YORKE, M.D., M.R.C.P., Liverpool.

Honorary Secretaries: N. HAMILTON FAIRLEY, O.B.E., M.D., F.R.C.P., 73, Harley Street, W.1; HUGH S. STANNUS, M.D., F.R.C.P., 76, Wimpole Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Teaching of Tropical Medicine. To be opened by Col. W. P. MACARTHUR (London). *Papers:* Tropical Typhus, Dr. W. FLETCHER (London); The Modern Treatment of Leprosy, Dr. R. G. COCHRANE (London).

Thursday, July 28th.—10 a.m., *Discussion:* Recent Studies in Yellow Fever and their Application to Measures for its Control. To be opened by Dr. W. B. JOHNSON (Lagos, Nigeria). *Papers:* The Relationship of Yaws to Syphilis, Prof. D. B. BLACKLOCK (Liverpool); Drug Resistance, with Special Reference to Trypanosomiasis, Prof. WARRINGTON YORKE (Liverpool); Recent Researches on Anti-plague Serum, Col. F. P. MACKIE (Shillong, Assam); and Dr. B. P. B. NAIDU (Bombay).

On the afternoons of July 27th, 28th, and 29th there will be demonstrations in the Museum as follows:

Group I.—(1) Yellow Fever, by Dr. S. H. DAUKES (London); (*a*) Demonstration of Clinical Charts, (*b*) Pathological Lesions in Experimentally Infected Monkeys. (2) Photographs of Bone and Skin Lesions in Yaws and Syphilis Compared and Contrasted, by Dr. S. H. DAUKES. (3) Water-colour Drawings of the Various Rashes in Tropical Typhus and Temperature Charts, by Dr. W. FLETCHER (London) and Dr. S. H. DAUKES. (4) Exhibition of Different Drugs used in Leprosy Therapy, by Dr. S. H. DAUKES.

Group II.—(1) Skin Diseases in the Tropics, by Lieut.-Col. H. W. ACTON (Calcutta). (2) Ultra-microscopic Virus Diseases, by Dr. G. W. M. FINDLAY (London), (*a*) Rift Valley Fever, (*b*) Climatic Bubo. (3) Exhibits of Recent Investigations in Sprue, including Haematological and Biochemical Charts, also Water-colour Drawings of Intradermal Skin Reactions in Filariasis, by Dr. N. HAMILTON FAIRLEY (London). (4) Exhibit of Coloured Drawings and Temperature Charts of *Plasmodium ovale*, by Prof. WARRINGTON YORKE (Liverpool) and Col. S. P. JAMES (London). (5) Demonstration on Bacteriophage, by Col. F. P. MACKIE (Bombay).

MENTAL DISORDER

President: Sir MAURICE CRAIG, C.B.E., M.D., F.R.C.P., London.

Vice-Presidents: Sir C. HUBERT BOND, K.B.E., M.D., F.R.C.P., London; Miss A. HELEN A. BOYLE, M.D., Hove; HENRY DEVINE, O.B.E., M.D., F.R.C.P., Virginia Water; BERNARD HART, M.D., F.R.C.P., London; D. K. HENDERSON, M.D., F.R.F.P.S., Glasgow; W. ERNEST JONES, M.R.C.S., L.R.C.P., Melbourne, Australia; R. L. LANGDON-DOWN, M.B., Teddington; ALVIN T. MATHERS, M.D., Winnipeg, Canada.

Honorary Secretaries: G. W. B. JAMES, *M.C.*, M.D., 124, Harley Street, W.1; J. R. REES, M.D., 14, Wimpole Street, W.1.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* Mental Health and the General Practitioner. To be opened by Dr. C. MACFIE CAMPBELL (Boston, U.S.A.), followed by Dr. E. MAPOTHER (London), Dr. J. A. DAVIDSON (London), Dr. D. K. HENDERSON (Glasgow), Dr. RALPH A. NOBLE (Sydney and New York), and Dr. L. A. WEATHERLY (Bournemouth).

Thursday, July 28th.—10 a.m., *Discussion:* Mental Health in Relation to Education. To be opened by Dr. H. CRICHTON-MILLER (London), followed by Dr. REGINALD MILLER (London), Dr. RALPH H. CROWLEY (London), Dr. EVA M. CLEMENTS (High Wycombe), and Dr. S. BARTON HALL (Liverpool).

In the afternoons of July 27th, 28th, and 29th there will be demonstrations at the Maudsley Hospital, Denmark Hill;

the Institute of Medical Psychology; the London Child Guidance Clinic; Woodside Nerve Hospital; and the National Institute of Industrial Psychology.

On *Wednesday, July 27th,* there will be an excursion by motor coach to a private mental hospital (Moorcroft and Heyes Park), when lunch will be provided at Moorcroft. On the return journey there will be a visit of inspection to the new Admission Block at Hanwell Mental Hospital, where tea will be provided.

On *Friday, July 29th,* there will be a visit to the Cassel Hospital, Penshurst.

TUBERCULOSIS

President: Sir ROBERT W. PHILIP, LL.D., M.D., F.R.C.P. Ed., Edinburgh.

Vice-Presidents: L. S. T. BURRELL, M.D., F.R.C.P., London; Professor S. LYLE CUMMINS, C.B., C.M.G., LL.D., M.D., Cardiff; SINCLAIR GILLIES, M.D., Sydney, Australia; E. S. HARDING, M.D., Montreal, Canada; D. P. MARAIS, M.D., F.R.C.P.Ed., Capetown, South Africa; Sir PENDRILL C. VARRIER-JONES, M.R.C.S., M.R.C.P., Papworth; R. CECIL B. WALL, M.D., F.R.C.P., London; R. C. WINGFIELD, M.B., F.R.C.P., Frimley; R. A. YOUNG, C.B.E., M.D., F.R.C.P., London.

Honorary Secretaries: J. H. HARLEY WILLIAMS, M.D., National Association for the Prevention of Tuberculosis, Tavistock House North, Tavistock Square, W.C.1; DAN A. POWELL, M.D., Memorial Offices, Westgate Street, Cardiff.

The following provisional programme has been arranged:

Wednesday, July 27th.—10 a.m., *Discussion:* The Position of Tuberculin To-day, (*a*) In Diagnosis, to be opened by Prof. S. LYLE CUMMINS (Cardiff); (*b*) In Treatment, to be opened by Dr. R. A. YOUNG (London), followed by Dr. A. RICE RICH (Baltimore), Dr. W. STOBIE (Oxford), Dr. W. C. WHITE (Washington, D.C.), Dr. HALLIDAY G. SUTHERLAND (London), Dr. F. G. CHANDLER (London), Dr. W. CAMAC WILKINSON (London), Sir ARNOLD LAWSON (London), Dr. A. B. PORTEOUS (London), and Dr. R. CARSWELL (London). *Paper:* Co-operative Studies in the U.S.A. on the Chemistry and Biology of Acid-fast Strains, Dr. W. C. WHITE (Washington).

Thursday, July 28th.—10 a.m., *Discussion:* The Role of the Bovine Tubercle Bacillus in Human Tuberculosis. To be opened by Dr. A. STANLEY GRIFFITH (Cambridge), followed by Dr. W. T. MUNRO (Glenlomond), Prof. BRUNO LANGE (Berlin), and Dr. W. G. SAVAGE (Weston-super Mare). *Paper:* Tuberculosis of the Larynx and Artificial Sunlight Treatment, Sir STCLAIR THOMSON (London).

Members of the Association desirous of taking part in the discussions are asked to make intimation to one of the secretaries of the Section.

The following Sections will meet on One Day

HISTORY OF MEDICINE

President: CHARLES SINGER, M.D., F.R.C.P., London.

Vice-Presidents: JOHN D. COMRIE, M.D., F.R.C.P.Ed., Edinburgh; L. COWLISHAW, M.B., Lindfield, N.S.W., Australia; RAYMOND CRAWFURD, M.D., F.R.C.P., London; Sir ARTHUR KEITH, F.R.S., LL.D., M.D., F.R.C.S., London; T. PERCY C. KIRKPATRICK, M.D., F.R.C.P.I., Dublin; ARCHIBALD MALLOCH, M.D., F.R.C.P., New York; Professor J. A. NIXON, C.M.G., M.D., F.R.C.P., Bristol; Sir D'ARCY POWER, K.B.E., M.B., F.R.C.S., London; JAMES YOUNG, M.D., Invercargill, New Zealand.

Honorary Secretaries: W. R. BETT, M.R.C.S., L.R.C.P., 11, The Avenue, Bedford Park, W.4; A. P. CAWADIAS, O.B.E., M.D., M.R.C.P., 52, Wimpole Street, W.1.

Friday, July 29th.—10 a.m. The meeting will be devoted to the Study of Certain Manifestations of British Medicine during the Hundred Years of the Association. (1) Medical Journalism in the British Empire—A Retrospect and a Forecast, to be opened by Dr. N. G. HORNER (London), followed by Sir ANDREW MACPHAIL (Montreal), Dr. R. HUTCHISON (London), Dr. W. BROCKBANK (Manchester), and Prof. J. A. NIXON (Bristol); (2) British Physiology during the last Hundred Years, to be opened by Sir EDWARD SHARPEY-SCHAFER (Edinburgh); (3) British Tropical Medicine during the last Hundred Years, to be opened by Dr. P. H. MANSON-BAHR (London), followed by Dr. J. B. CHRISTOPHERSON (London); Dr. Manson-Bahr will exhibit personal letters and relics of the British pioneers of tropical medicine; (4) British Homoeopathy during the last Hundred Years, to be opened by Sir JOHN WEIR (London), in collaboration with Dr. FRANK H. BODMAN (Bristol).

FORENSIC MEDICINE

President: Sir WILLIAM H. WILLCOX, K.C.I.E., C.B., C.M.G., M.D., F.R.C.P., London.

Vice-Presidents: GODFREY CARTER, M.B., M.R.C.P.Ed., Taunton; Professor R. FONTAINE, M.D., Montreal, Canada; Professor JOHN GLAISTER, sen., LL.D., M.D., Glasgow; Lieut.-Colonel C. GRAHAM GRANT, L.R.C.P., London; CLIVE NEWCOMB, D.M., Lieut.-Colonel I.M.S., Madras, India; A. A. PALMER, M.B., F.R.C.S.Ed., Sydney, Australia; Professor SYDNEY A. SMITH, M.D., Edinburgh; Sir BERNARD H. SPILSBURY, M.B., F.R.C.P., London; WILLIAM H. WHITEHOUSE, M.D., London.

Honorary Secretaries: G. ROCHE LYNCH, O.B.E., M.B., B.S., St. Mary's Hospital, W.2; W. B. PURCHASE, *M.C.*, M.B., B.Ch., St. Pancras Coroner's Court, Cambridge Street, N.W.1.

The following provisional programme has been arranged:

Thursday, July 28th.—10 a.m., Presidential Address, Sir WILLIAM H. WILLCOX (London). 10.15 a.m., *Papers:* Arsenic in Keratin Tissues (with discussion), Prof. SYDNEY A. SMITH (Edinburgh); Freak Suicides (with discussion), Dr. GODFREY CARTER (Curry Rivell); The Medico-legal Aspects of Voluntary Euthanasia (with discussion), Dr. C. KILLICK MILLARD (Leicester); Sir BERNARD SPILSBURY (London) (title of paper to be announced later); The Legal Duty of Medical Practitioners in the Certification of Death (with discussion), Dr. W. B. PURCHASE (London).

MEDICAL SOCIOLOGY

President: Sir ROBERT BOLAM, LL.D., M.D., F.R.C.P., Newcastle-on-Tyne.

Vice-Presidents: R. C. BUIST, LL.D., M.D., Dundee; C. O. HAWTHORNE, LL.D., M.D., F.R.C.P., London; The Most Hon. the MARQUESS OF LINLITHGOW, K.T., G.C.I.E.; Sir RICHARD H. LUCE, K.C.M.G., C.B., M.B., F.R.C.S., Romsey; Sir ERNEST W. MORRIS, C.B.E., London; The Right Hon. the EARL OF ONSLOW, P.C.; T. C. ROUTLEY, LL.D., M.D., F.R.C.P.(C.), Toronto, Canada; The Hon. Sir ARTHUR STANLEY, G.B.E., C.B., M.V.O., LL.D., London.

Honorary Secretaries: L. G. GLOVER, M.D., 22, Upper Wimpole Street, W.1; N. E. WATERFIELD, M.B., F.R.C.S., Foulis, Great Bookham, Surrey.

The following provisional programme has been arranged:

Friday, July 29th.—10 a.m., *Discussion:* Hospital Provision as a Social Service, (*a*) The Function of Hospitals in Relation to Treatment, Teaching, and Research, to be opened by Dr. C. O. HAWTHORNE (London), followed by Lord COZENS HARDY and Dr. E. R. FOTHERGILL (Hove); (*b*) The Provision of Hospital Service by (i) Voluntary Agencies—Speakers, Lord LINLITHGOW and Lord ONSLOW; and (ii) Public Authorities—Speaker, Dr. F. BARRIE LAMBERT (London); (*c*) The Special Financial Problems of Voluntary Hospitals, with Reference to Contributory Schemes, Provision of Maintenance and Medical Service—Speakers, Sir ROBERT BOLAM (Newcastle-on-Tyne), Mr. SYDNEY LAMB (Liverpool), and Captain J. E. STONE (Birmingham).

The Honorary Organizing Secretary for the Centenary Meeting is Dr. E. A. WORLEY, and the Honorary Scientific Secretary Dr. H. GARDINER-HILL. The Honorary Treasurer is Sir BASIL BLACKETT. All communications for the Secretaries should be addressed to the B.M.A. Centenary Offices, Tavistock House North, Tavistock Square, W.C.1.

Provisional Time-table

Thursday, July 21st

9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.
9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.
1.0 p.m.—Luncheon to Oversea Representatives. Hotel Russell.
p.m.—Ladies' Excursions to Ken Wood, Golders Hill Park, Keats House, Hampstead.
7.30 p.m.—Representatives' Dinner. Park Lane Hotel.
7.30 p.m.—Ladies' Dinner. Park Lane Hotel.

Friday, July 22nd

9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.
9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.

a.m.—Ladies' Excursions to Ken Wood, Golders Hill Park, Old Battersea House, Old Chelsea Church, Cadby Hall, by kind invitation of Messrs. J. Lyons and Co., Ltd.

1.0 p.m.—Photograph of Representative Body.

p.m.—Ladies' Tea Party at Kendal Hall, Radlett, Herts, by kind invitation of Mrs. Venning.

9.0 p.m. or 9.30 p.m. Reception by Mr. H. Gordon Selfridge and the Princess Wiasemsky at 5, Carlton House Terrace, S.W.1 (500).

Saturday, July 23rd

9.0 a.m.—*Council Meeting.* B.M.A. House.

9.0 a.m.—Ladies' Club and Bureau open at B.M.A. House.

10.0 a.m.—*Annual Representative Meeting.* B.M.A House.

a.m.—Ladies' Excursions to Houses of Parliament, Royal Institution, Atkinson's Scent Shop.

p.m.—*Annual General Meeting* (at some time to be specified later).

p.m.—Ladies' Tea Party at Hurlingham.

Ranelagh (200). Tickets at half price (5s. 6d.), to be obtained at Registration Bureau, B.M.A. House.

Sunday, July 24th

Pilgrimage to Worcester

?8.50 a.m.—Special Train leaves Paddington. On return journey stopping at Pershore.

11.0 a.m.—Arrive Worcester (Foregate Street). Unveiling of Plaque on House formerly occupied by Sir Charles Hastings. Proceed to College Hall for Robing, and thence to Guildhall for Assembling of Procession.

11.45 a.m.—Procession to Cathedral from Guildhall.

*12 noon.—*Official Centenary Service* in Cathedral, and Unveiling of Memorial Window to Sir Charles Hastings.

*12 noon.—High Mass in Catholic Church.

1.30 p.m.—Luncheon.

3.0 p.m.—Mayor of Worcester At Home in the Guildhall.

3.0 p.m.—Invitation for 500 to visit Droitwich.

3.0 p.m.—Invitation for 100 to visit Besford Court Catholic Mental Hospital and Training College for Boys and Youths.

Invitation to visit Worcester Royal Porcelain Co., Ltd. Invitation to 150 to tea.

9.0 p.m.—Concert at Hotel Victoria, Northumberland Avenue, W.C.2.

(For those remaining in London a visit to Brooklands Motor Track and Aerodrome.)

Monday, July 25th

9.30 a.m.—*Annual Representative Meeting.* B.M.A. House.

a.m.—Ladies' Visit to Messrs. Carters' Nurseries and Lunch, by kind invitation (50). (Time to be fixed.)

2.0 p.m.—Reception Room open for Registration at Imperial Institute, South Kensington, S.W.7.

2.0 p.m.—Ladies' Club and Bureau open at Imperial College Union, Prince Consort Road, South Kensington, S.W.7.

Probably 3.30 p.m. } *Conference of Oversea Representatives and Delegates.*

4.0 p.m.—Lady Dawson of Penn At Home at 32, Wimpole Street, W.1.

5.30 p.m. to 7.30 p.m. } Sherry Party for Ladies, by kind invitation of Lady Fripp, at 19, Portland Place, W.1.

p.m.—Lodge Meeting and Dinner of the Motherland Lodge by invitation. Oversea applications to Mr. Arnold West, Trafalgar Buildings, 1, Charing Cross, W.C.2.

p.m.—Dinner by invitation at the Apothecaries' Hall.

9.0 p.m.—Reception by Forum Club. (Unlimited.)

Ladies' Excursions to Messrs. Lyons (Cadby Hall) and tea; Old Battersea House open this afternoon.

Excursions to Shredded Wheat Factory, Welwyn; B.B.C. Station, Brookmans Park; Whipsnade Zoo; Lyons (Cadby Hall); Bryant and May's Fire-making Museum; Tyrwhitt Drake's Zoo; Crystal Palace; United Dairies, Willesden; Lloyd's; Medical Society of London, by kind invitation (50).

Tuesday, July 26th

9.0 a.m.—Reception Room open for Registration at Imperial Institute.

9.0 a.m.—Exhibition open at Imperial Institute.

9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.

10.0 a.m.—*Council Meeting.* Imperial Institute.

12 noon.—Official Opening by Lord Dawson of Penn of the Reception Room and Exhibition. Imperial Institute.

p.m.—Ladies' Lunch by President and Chairman of the Ladies' Committee to Oversea Guests.

*4.0 p.m.—*Adjourned Annual General Meeting.* Presentation of Oversea Delegates, Representatives, and Foreign Guests. *President's Address* at Queen's Hall.

*9.0 p.m.—*President's Reception and Dance.* Albert Hall.

Excursions to Chislehurst Caves and Down House; Verulam Excavations, St. Albans; Epping Forest and Waltham Abbey; Lyons (Cadby Hall); Lloyd's; Medical Society of London, by kind invitation (50).

Wednesday, July 27th

9.0 a.m.—Reception Room open for Registration at Imperial Institute.

9.0 a.m.—Exhibition open. Imperial Institute.

9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.

9.30 a.m.—Pathological Museum open. Royal School of Mines, Prince Consort Road, South Kensington, S.W.7.

9.30 a.m.—Ladies' Golf Meeting at Walton Heath, under the auspices of the Royal Medical Benevolent Fund Guild. Lunch and Tea by kind invitation of Lord Riddell.

10.0 a.m. to 1.0 p.m. *Sectional Meetings.* Imperial Institute, Imperial College of Science and Technology, South Kensington, S.W.7; Royal Geographical Society, Kensington Gore, S.W.7; Science Museum, Exhibition Road, S.W.7.

1.0 p.m.—Irish Graduates' Lunch, Criterion Hotel, Piccadilly, W.1.

p.m.—Secretaries' Conference.

*p.m.—*Reception at the Guildhall* by the Right Hon. the Lord Mayor and the Corporation of the City of London.

p.m.—Reception at Wellcome Museum.

Excursions to Windsor and River Trip to Marlow; Oxford and Blenheim Palace, by kind invitation of Their Graces the Duke and Duchess of Marlborough; Oxford and Marlow; Warwick and Stratford-on-Avon; Rochester and Canterbury; Petworth House famous Picture Gallery, by special permission of Lord Leconfield; Greenwich Observatory and Dreadnought Hospital; Imperial Airways, Croydon; Lyons (Cadby Hall); River Trip, Pool of London and Docks; Visit to a Newspaper Office; Tyrwhitt Drake's Zoo; Lloyd's; Medical Society of London, by kind invitation (50).

a.m.—Ladies' Excursions to the Mint; Kensington Collection, by kind invitation of Miss Canziani; City, Guildhall, Charterhouse, Old St. Bartholomew's Church, etc., Temple.

a.m.—Ladies' American Tournament, Campden Hill Lawn Tennis Club.

Thursday, July 28th

8.30 a.m.—National Temperance League. Annual Medical Breakfast in Selfridge's Luncheon Hall, by kind invitation of Mr. H. Gordon Selfridge.

9.0 a.m.—Reception Room open for Registration at Imperial Institute.

9.0 a.m.—Exhibition open. Imperial Institute.

9.0 a.m.—Ladies Club and Bureau open at Imperial College Union.

9.30 a.m.—Pathological Museum open.

9.30 a.m.—Golf. Ulster and Childe Cups at Moor Park.

10.0 a.m. to 1.0 p.m. *Sectional Meetings.* Imperial Institute, Imperial College of Science and Technology, South Kensington, S.W.7; Royal Geographical Society, Kensington Gore, S.W.7; Science Museum, Exhibition Road, S.W.7.

p.m.—Benediction at Westminster Cathedral, followed by a Reception by the Cardinal Archbishop.

4.30 p.m.—Reception at London School of Hygiene and Tropical Medicine, Keppel Street, W.C.1 (adjoining the University site, and between Russell Square and Gower Street), to Oversea Delegates and their Ladies (300).

7.30 p.m. for 8.0 p.m. } *Centenary Dinner.* Albert Hall. (2,000.)

Visit and Tea at Hatfield House, by kind invitation of the Marquess and Marchioness of Salisbury.

Excursions to Cow and Gate Depot, Templecombe, Somerset; Treloar Cripples' Home, Alton; Epping Forest and Waltham Abbey; Fenshurst Palace, Kent, by kind invitation of Lord de L'Isle and Dudley; Imperial Airways, Croydon; Lyons (Cadby Hall); Bryant and

May's Fire-making Museum; Imber Court, Headquarters Mounted Police, by kind invitation of Lieut.-Col. P. R. Laurie, C.B.E., D.S.O.; United Dairies, Willesden; Medical Society of London, by kind invitation (50); Royal Institution; Horlick's Malted Milk, Slough, by kind invitation.

a.m.—Ladies' Excursions to Strand, Fleet Street, Temple; Kensington Collection, by kind invitation of Miss Canziani; Richmond Park, View of Pictures at Bridgwater House, by kind permission of the Earl of Ellesmere.

American Tournament at Campden Hill Lawn Tennis Club (continued).

p.m.—Ladies' Excursion. Housing Excursion and Tea with Miss Alexander.

p.m.—Ladies Junior Committee Party at Ewhurst, by kind invitation of Mrs. Rowlands.

Friday, July 29th

8.30 a.m.—Medical Missionary Breakfast. Imperial College Union, Prince Consort Road, South Kensington, S.W.7.

9.0 a.m.—Reception Room open for Registration at Imperial Institute.

9.0 a.m.—Exhibition open. Imperial Institute.

9.0 a.m.—Ladies' Club and Bureau open at Imperial College Union.

9.30 a.m.—Pathological Museum open.

9.30 a.m.—Golf. Nottingham Ladies' Challenge Cup at Sandy Lodge.

10.0 a.m. to 1.0 p.m. *Sectional Meetings.* Imperial Institute, Imperial College of Science and Technology, South Kensington, S.W.7; Royal Geographical Society, Kensington Gore, S.W.7; Science Museum, Exhibition Road, S.W.7; Section of Medical Sociology, Great Hall, B.M.A. House, Tavistock Square, W.C.1.

2.0 p.m.—Golf. Treasurer's Cup and Mr. Canny Ryall's Prize at Walton Heath.

4.30 p.m.—Reception by Royal Society of Medicine. Tickets from Reception Room.

p.m.—Dinner by the *Practitioner*. Dorchester House, Park Lane, W.1.

8.0 p.m.—Popular Lecture by Professor Julian Huxley, M.A., at University College, London. Title, "The Biology of Human Nature."

*9.30 p.m.—*Metropolitan Counties Branch Reception and Dance.* Grosvenor House, Park Lane, W.1.

Excursions to Chislehurst Caves and Downe House; Verulam Excavations, St. Albans; Greenwich Observatory and Dreadnought Hospital; Bryant and May's Fire-making Museum; Imber Court, Mounted Police; Medical Society of London, by kind invitation (50); Horlick's Malted Milk, Slough, by kind invitation.

Garden Party at Ewhurst, by kind invitation of Mrs. Rowlands (248).

a.m.—Ladies' Excursions to Mint, Kensington Collection (by kind invitation of Miss Canziani), City Excursion, Guildhall, Charterhouse, Old St. Bartholomew's Church, etc., Temple.

* Academic dress will be worn at these functions.

Saturday, July 30th, to August 1st.

Visit of 50 Oversea Delegates, Representatives, and Foreign Guests to Bath and Bristol.

Excursions marked "Ladies" are reserved exclusively for ladies.

Visits will also be arranged to the following places on dates which are not settled: India Office and Museum; General Electric Company's Works, Wembley; London General Omnibus Company Training Centre, Acton; *Punch* Offices; Hampton Court; Knebworth House; Burnham Beeches; Stoke Poges; Kensington Palace; Leighton House and Holland House; Houses of Parliament; Glaxo Factory; Oxo Factory; Wellcome Physiological Laboratories; South Metropolitan Gas Company; Gas Light and Coke Company; Merchant Taylors' Hall; Cutlers' Hall; Barbers' Hall; Girdlers' Hall; Grocers' Hall; Fishmongers' Hall; Clothworkers' Hall; Goldsmiths' Hall; Haberdashers' Hall; Salters' Hall.

Various entertainments, including private teas and dinner parties, are being arranged by the Ladies' Committee.

Ladies wishing to enter for competitions arranged by the Ladies' Sports Committee, either golf or tennis, are asked to send their names in as soon as possible to the Honorary Secretary, Ladies' Sports Committee, 21, North Gate, Regent's Park, London, N.W.8.

Golf.—Members of the Association (wearing badge) may play on any of the following courses, from Monday, July 25th, to Friday, July 29th, inclusive, by kind permission: Walton Heath, Royal Mid-Surrey, Sandy Lodge, and Northwood, free; Sunningdale, Royal Wimbledon, Addington Palace, and Oxhey, 5s. daily; South Herts, 4s. a day; Moor Park, 3s. 6d. a day; oversea visitors are granted the courtesy of the green free at St. George's, Sandwich. Walton Heath, lunch and tea as the guests of Lord Riddell.

THE MUSEUM

It has been decided to form a Museum in connexion with the Centenary Meeting of the British Medical Association, and the arrangements have been entrusted to the special Museum Committee, constituted as follows: Sir Arthur Keith (chairman); Dr. D. Evan Bedford, Dr. A. B. Bratton, Dr. R. G. Canti, Dr. E. Ffolliott Creed, Dr. Sydney H. Daukes, Dr. J. G. Greenfield, Dr. H. K. Graham-Hodgson, Dr. Donald Hunter, Mr. P. H. Mitchiner, Dr. John O. Oliver, Mr. Thomas G. Stevens, Mr. C. P. G. Wakeley. The honorary secretaries are Mr. Mitchiner and Dr. Oliver.

Owing to drastic cutting of funds, it will be possible only to illustrate fully certain of the topics under discussion, but it is hoped that all members desirous of exhibiting specimens will be able to do so. The committee welcomes the offer of the authorities of McGill University to send from Montreal, and exhibit at their expense, Dr. Maud Abbott's splendid collection illustrative of congenital diseases of the heart, and hopes that other exhibits may be forthcoming on similar lines. The committee hopes also that it will be possible to arrange for a cinematograph section to be run in connexion with the Museum.

It has been decided to group the Museum into the following sections, each under the arrangement of the member named, to whom all communications as to exhibits in the appropriate section should be addressed.

Medicine (with Diseases of Children and Orthopaedics), Dr. Hunter.
Surgery, Mr. Wakeley and Mr. Mitchiner.
Obstetrics and Gynaecology, Mr. Stevens.
Neurology (with Mental Disorder), Dr. Greenfield.
Pathology and Bacteriology, Dr. Bratton.
Radiology, Dr. Graham-Hodgson.
Tropical Medicine, Dr. Daukes.
Oto-Laryngology.

Each specimen must be forwarded only through the gentlemen named above, and must be clearly labelled on a card, which will be sent on application. Specimens can be received at the B.M.A. Centenary Museum, Royal School of Mines, Prince Consort Road, S.W.7, between July 14th and July 20th, 1932, and must be reclaimed immediately after the close of the Meeting on July 29th.

REDUCED RAILWAY VOUCHERS TO LONDON

Extension of Period Available

For the convenience of members attending the Centenary Meeting in July next, the railway companies of Great Britain (except the Metropolitan, Metropolitan District, and London Electric Railway Companies) will issue return tickets for both classes at the ordinary single fare and one-third for the double journey, fractions of 3d. being reckoned as 3d. This year it has been possible to obtain a further concession from the railway companies by extending the time during which the ticket is available. Members, on application to the Financial Secretary, may obtain a signed voucher, which can be exchanged at the booking office for a railway ticket. These tickets can be used from July 14th to August 8th, and will thus cover the period of the Meeting and allow members and their families, if they so desire, to extend their stay in London both before and after the celebrations.

HOSPITALITY FOR OVERSEA VISITORS

All oversea delegates and guests, and other members from over-seas intending to take part in the Centenary Meeting of the British Medical Association next July, who desire hospitality for themselves (and for their wives if accompanying them), should communicate immediately with Sir Crisp English, K.C.M.G., 82, Brook Street, London, W.1.

Masonic Welcome

The Motherland Lodge, 3861, is arranging a special meeting on Monday, July 25th, to welcome as its guests medical Freemasons on their visit in connexion with the Centenary Meeting. Brethren from over-seas who wish to be present should write (or cable) as soon as possible to the secretary of the Motherland Lodge, Mr. Arnold West (Trafalgar Buildings, 1, Charing Cross, W.C.2.—cable address, "Bullcavest," London), giving details of Lodge, Masonic rank, etc.

Summary of Accommodation

The following list of hotels and their tariffs has been prepared to assist members of the Association in making their choice. The terms are for bed and breakfast or en pension for the day or week, and the fifth column states the number of bedrooms in the hotel.

Application must be sent direct to the hotels when applying for rooms, and mention should be made of the Centenary Meeting of the British Medical Association.

EARLY BOOKING ESSENTIAL

In order to avoid disappointment, it is *important* that booking should be made at once. If any further information is required with reference to hotels or in connexion with hospitality for members resident in the United Kingdom, application should be made to Mr. Howard Stratford, Cheniston Lodge, Cheniston Gardens, London, W.8.

Information about garage accommodation will be given in a later issue of the *Supplement*.

HOLBORN, W.C.1

Hotels	Addresses	B. & B.	En Pension	Rooms
		s. d.	£ s. d.	
Abbotsford	Russell Square	7 6	3 13 6	200
Ambassadors (L)	Upper Woburn Place	14 0	5 5 0	100
Ardmay	Woburn Place	6 0	2 12 6	—
Avondale	2, Tavistock Place	6 6	2 12 6	52
Bedford	Southampton Row	8 6	—	—
Belgrave	6, Montague Street	6 6	2 12 6	30
Beresford	22, Upper Bedford Place	6 6	2 12 0	—
Bonnington	Southampton Row	8 6	13 0 p.d.	250
Clevedon House	3, Upper Bedford Place	—	2 12 6	—
Cora (Temperance)	Upper Woburn Place	8 6	4 7 6	175
Cosmo (L)	Southampton Row	10 6	15 6 p.d.	—
Endsleigh	Endsleigh Street	7 9	2 12 6	200
Imperial (L)	Russell Square	—	2 12 6	—
Ivanhoe (Temperance)	Bloomsbury Street	10 0	—	200
Kenilworth (Temperance)	Great Russell Street	10 0	—	200
Kingsley and Thackeray	Hart Street	8 6	4 14 6	176
Lonsdale	24, Montague Street	7 6	12 0 p.d.	29
Morton	Russell Square	8 6	3 13 6	50
National (L)	Upper Bedford Place	8 6	—	—
Palace (L)	Bloomsbury Square	12 0	4 4 0	200
Royal (L)	Woburn Place	8 6	4 4 0	777
Russell (L)	Russell Square	13 6	1 1 0 p.d.	—
Shelbourne	Upper Bedford Place	7 6	3 13 6	70
Straun House	54, Tavistock Square	—	2 12 6	24
Turners (Temperance)	Guilford Street	8 0	13 0 p.d.	72
Warrender	Tavistock Square	8 6	4 4 0	52
West Central	Southampton Row	8 6	13 0 p.d.	200
West Way	23, Endsleigh Street	8 6	4 4 0	100
White Hall	Bloomsbury Square	9 0	4 7 6	80
White Hall	21, Montague Street	6	3 3 0	40
White House Hotel	29, Upper Woburn Place	7 6	—	23

(L) = Licensed. B. & B. = Bed and breakfast.

MARYLEBONE

Hotels	Addresses	B. & B.	En Pension	Rooms
		s. d.	£ s. d.	
Clifton Hotel	Welbeck Street, W.1	10 6	4 14 6	70
Cliftonville Hotel	Dorset Square, N.W.1	8 6	3 15 6	50
Dorset Square Hotel	Dorset Square, N.W.1	8 6	3 13 6	50
Durrants Hotel (L)	George Street, W.1	8 6	4 14 6	85
Dysart Hotel (L)	Henrietta Street, W.1	10 6	5 5 0	31
Ford's Hotel (L)	Manchester Street, W.1	10 6	5 5 0	48
Hotel Seymour	Marble Arch, W.1	10 6	4 14 6	150
Hotel Somerset	Orchard Street, W.1	10 6	4 4 0	120
Hotel Quebec	Marble Arch, W.1	10 6	4 14 6	100
Langham (L)	Langham Place, W.1	12 6	1 3 0 p.d.	280
Mandeville Hotel (L)	Mandeville Place, W.1	9 6	5 5 0	48
Mascot Hotel	York Street, Baker Street, W.1	9 0	4 14 6	40
Mostyn Hotel (L)	Portman Square, W.1	10 6	5 5 0	107
Norland Court	82, Gloucester Place, W.1	7 6	4 4 0	10
Norland Hotel	Granville Place, W.1	8 6	4 14 6	200
Orchard Hotel	Portman Street, W.1	10 6	5 5 0	90
Portman Hotel	Portman Street, W.1	8 6	3 13 6	45
Redbourne Hotel	Great Portland Street, W.1	10 0	5 5 0	60
Savoy Court	Granville Place, W.1	8 6	4 4 0	70
Scotts Hotel	Langham Street, W.1	10 6	5 5 0	—
Tibbs Hotel	2, Granville Place, W.1	9 6	3 13 6	27
Welbeck Palace Hotel (L)	Welbeck Street, W.1	12 6	1 2 6 p.d.	100
Wigmore Hotel (L)	Wigmore Street, W.1	10 6	4 14 6	40

WESTMINSTER

Hotels	Addresses	B. & B.	En Pension	Rooms
Alexandra (L)	Hyde Park Corner, S.W.1	10 6	5 5 0	—
Almond (L)	Clifford Street, Bond Street W.1	15 0	1 7 6 p.d.	45
Anderton's Hotel (L)	Fleet Street, E.C.4	8 6	13 0 p.d.	—
Artillery Mansions	Victoria Street, S.W.1	10 6	15 0 p.d.	80
Arundel (L)	Victoria Embankment, W.C.2	9 6	16 6 p.d.	—
Batts (L)	Dover Street, W.1	16 6	—	—
Belgravia (L)	Grosvenor Gardens, S.W.1	12 6	5 15 0	250
Berkeley (L)	Piccadilly, W.1	Special terms		—
Berners (L)	Berners Street, W.1	12 6	—	300
Browns (L)	Dover Street, W.1	10 6	—	—
Burlington (L)	Cork Street, W.1	12 6	1 2 6 p.d.	—
Cadogan (L)	Sloane Street, S.W.	12 6	18 6 p.d.	100
Carlton (L)	Pall Mall, S.W.1	Special terms		—
Carr's (L)	2, Clarges Street, W.1	9 6	—	—
Carters (L)	Albemarle Street, W.1	16 6	1 0 0 p.d.	30
Cavendish (L)	83, Jermyn Street, S.W.1	15 0	—	—
Chester (L)	41, Chester Square, S.W.1	10 6	4 4 0	—
Claridges (L)	Brook Street, W.1	Special terms		—
Connaught (L)	Mayfair, W.1	Special terms		—
Dorchester (L)	Park Lane, W.1	Apply terms		—
Felix (L)	Jermyn Street, S.W.1	15 0	—	—
First Avenue (L)	High Holborn, W.C.1	10 6	18 6 p.d.	65
Flemings New Clarges (L)	Half Moon Street, W.1	Special terms		—
The Garrick (L) (Gentlemen only)	5, Charing Cross Road, W.C.2	8 6	—	28
Grosvenor Court (L)	Davis Street, W.1	11 6	15 0 p.d.	—
Grosvenor House	Park Lane, W.1	Special terms		—
Hans Crescent (L)	Belgravia, S.W.1	18 6	—	160
Haymarket (L)	Jermyn Street, S.W.1	9 6	16 6 p.d.	200
Howard (L)	Norfolk Street, W.C.2	12 6	1 3 6 p.d.	160

(L) = Licensed. B. & B. = Bed and Breakfast.

WESTMINSTER.—(*continued*)

Hotels	Addresses	B. & B.	En Pension	Rooms
		s. d.	£ s. d.	
Jules (L)	85, Jermyn Street, S.W.1	Special terms		—
Mayfair (L)	Piccadilly, W.1	Apply terms		—
Metropole (L)	Northumberland Avenue, W.C.2	Apply terms		—
Montague House	134, Ebury Street, S.W.1	Special terms		—
Park Lane (L)	Piccadilly, S.W.1	12 6	—	—
Park View (L)	Hyde Park Corner, S.W.1	10 6	15 0 p.d.	—
Peppialt	46, Clarges Street, W.1	10 6	—	—
Piccadilly, The	Regent Street, W.1	Special terms		—
Queens (L)	Leicester Square, W.C.2	Special terms		—
Regent's Palace (L)	Piccadilly, W.1	9 6	—	—
Ritz (L)	Piccadilly, W.1	Special terms		—
Royal Court (L)	Sloane Square, S.W.1	13 0	—	120
Rubens (L)	Buckingham Palace Road, S.W.1	13 6	—	150
Saville (L)	7, Cork Street, W.	8 6	—	—
Savoy (L)	Strand, W.C.2	Special terms		—
Splendide (L)	105, Piccadilly, W.1	Special terms		—
Strand Imperial (L)	Strand, W.C.2	9 6	—	—
Strand Palace (L)	Strand, W.C.2	9 6	—	—
Victoria (L)	Northumberland Avenue, W.C.2	Apply terms		—
Waldorf (L)	Aldwych, W.C.2	13 0	—	450
Washington (L)	Curzon Street, W.1	14 6	1 2 6 p.d.	—
York Hotel	Berners Street, W.1	9 0	—	—

KENSINGTON

Hotels	Addresses	B. & B.	En Pension	Rooms
Alexa	71, Lexham Gardens, W.8	7 6	2 12 6	40
Alwin	Gloucester Road, S.W.7	10 6	4 4 0	60
Baileys (L)	Gloucester Road, S.W.7	Special terms		170
Belvedere	Grenville Place, S.W.7	8 6	3 3 0	25
Bolton Mansions (L)	Old Brompton Road, S.W.7	7 6	3 13 6	100
Bristol	172, Cromwell Road, S.W.7	7 6	3 13 6	40
British Empire	30, De Vere Gardens, W.8	10 6	5 5 0	80
Carlton Court	181, Cromwell Road, S.W.7	8 6	3 3 0	30
Courtfield Gardens	15, Courtfield Gardens, S.W.5	7 6	3 3 0	45
De Vere Hotel (L)	Kensington Road, W.8	12 6	1 1 0 p.d.	—
Glendower	Glendower Place, S.W.7	6 6	3 3 0	90
Granby Court	89, Queen's Gate, S.W.7	8 6	12 6 p.d.	50
Harrington Gardens	27, Harrington Gardens, S.W.7	10 6	4 4 0	28
Harrington Hall	11, Harrington Gardens, S.W.7	9 6	3 3 0	100
Hotel Imperial	121, Queen's Gate, S.W.7	8 6	3 13 6	40
Hyde Park Gate	Kensington Gore, S.W.7	—	5 15 0	70
Kensington Palace Mansions	De Vere Gardens, W.8	14 0	5 5 0	200
Leicester Court	41, Queen's Gate, S.W.7	8 6	3 13 6	70
Lexham Gardens	112, Lexham Gardens, W.8	7 6	3 3 0	36
Lexham Mansions	38, Lexham Gardens, W.8	8 6	3 13 6	60
Linden Hall	133, Cromwell Road, S.W.7	8 6	12 6 p.d.	70
Loftus	Earls Court, S.W.5	8 6	2 12 6	50
Majestic	160, Cromwell Road, S.W.7	8 6	3 13 6	42
Milestone	2, Kensington Court, W.8	10 6	5 5 0	100
Milton Court	68, Cromwell Road, S.W.7	9 6	4 4 0	85
Naval and Military (L)	Harrington Road, S.W.7	7 6	3 3 0	120
Norfolk (L)	Harrington Road, S.W.7	10 6	4 4 0	108
Onslow Court	Queen's Gate, S.W.7	8 6	3 13 0	140
Palace Mansions	De Vere Gardens, W.8	11 6	5 5 0	—
Portland Court	4, Queen's Gate, S.W.7	12 6	3 13 6	31
Prince of Wales (L)	De Vere Gardens, W.8	9 6	14 6 p.d.	120

(L) = Licensed. B. & B. = Bed and breakfast.

KENSINGTON.—(*continued*)

Hotels	Addresses	B. & B.	En Pension	Rooms
		s. d.	£ s. d.	
Queen's Gate Hotel (L)	Queen's Gate, S.W.7	8 6	3 17 0	56
Rembrandt (L)	Thurloe Place, S.W.7	—	1 1 0 p.d.	230
Royal Palace (L)	Kensington, W.8	14 0	Special terms	—
St. George's	West Bolton Gardens, S.W.5	7 6	3 3 0	32
South Kensington (L)	Queen's Gate Terrace, S.W.7	10 6	5 5 0	200
Spenser House (Vegetarian)	Palace Gate, W.8	8 6	4 4 0	40
Stanhope Court	Stanhope Gardens, S.W.7	10 6	4 4 0	110
Sun Court	63, Lexham Gardens, W.8	—	3 3 0	—
The Gardens Hotel	Palace Gate, W.8	9 6	4 4 0	23
The Gore (L)	189, Queen's Gate, S.W.7	10 6	4 4 0	35
Tudor Court	60, Cromwell Road, S.W.7	9 6	3 13 6	85

BAYSWATER

Hotels	Addresses	B. & B.	En Pension	Rooms
Averard	Lancaster Gate, W.2	8 6	3 13 6	34
Bayswater Hotel (L)	Bayswater Terrace, W.2	5 0	2 12 6	18
Cadogan Court	Lancaster Gate, W.2	9 6	16 6 p.d	—
Coburg Court	Bayswater Road, W.2	7 6	13 6 p.d	110
Commodore	Pembridge Square, W.2	7 6	3 13 6	60
Constance	25, Pembridge Square, W.2	9 6	3 3 0	43
Court Royal	105, Lancaster Gate, W.2	8 6	3 13 6	50
Embassy	Bayswater Hill, W.2	7 6	2 12 6	57
Grey Friars Hall	31, Pembridge Square, W.2	7 6	3 3 0	35
Holland Court	81, Holland Park, W.11	8 6	3 3 0	45
Hotel Cavendish	77, Lancaster Gate, W.2	10 6	4 14 6	100
Hotel Constance	23, Lancaster Gate, W.2	9 6	3 3 0	43
Hotel Gerrard	Pembridge Square, W.2	9 6	3 13 6	25
Hotel Lindsey	21, Pembridge Square, W.2	7 6	2 12 6	24
Hotel Meurice	37, Lancaster Gate, W.2	7 6	3 3 0	50
Hotel Park	16, Bayswater Terrace, W.2	7 6	3 3 0	23
Ilchester Mansions	St. Petersburgh Place, W.2	8 6	3 13 6	60
Inverness Court	1, Inverness Terrace, W.2	9 6	16 6 p.d.	120
Lancaster Court	65, Lancaster Gate, W.2	9 6	16 6 p.d.	—
Lancaster Gate	Lancaster Gate, W.2	10 0	5 15 6	50
Linden Gardens	68, Linden Gardens, W.2	7 6	3 3 0	40
Palace (L)	Lancaster Gate, W.2	10 6	4 4 0	120
Palace Court	Pembridge Square, W.2	8 6	3 13 6	70
Park Gate (Gentlemen only)	Bayswater Rd., W.2 (Over Lancaster Gate Tube Station	8 6	12 0 p.d.	28
Park Royal Hotel	25, Leinster Gardens, W.2	8 6	12 0 p.d	—
Patrickson	2, Palace Houses, Bayswater Road, W.2	10 6	4 4 0	100
Pembridge Carlton	Pembridge Square, W.2	10 6	3 13 6	70
Pembridge Court	34, Pembridge Gardens, W.2	8 6	3 3 0	23
Pembridge Gardens	Notting Hill Gate, W.2	8 6	3 13 6	80
Pembridge Hall	17, Pembridge Square, W.2	8 6	3 13 6	40
Richmond	22, Pembridge Gardens, W.2	7 6	2 12 6	14
Rutland Court	65, Lancaster Gate, W.2	10 6	3 13 6	70
Strathcona	Lancaster Gate, W.2	7 6	3 3 0	40
The Albany	12, Lancaster Gate, W.2	8 6	3 3 0	50
The Duchy Hotel	41, Lancaster Gate, W.2	8 6	3 13 6	60
The Florence	19, Lancaster Gate, W.2	8 6	3 13 6	47
The Windsor Hotel	57, Lancaster Gate, W.2	8 6	3 13 6	124
Tudor	100, Lancaster Gate, W.2	8 6	4 4 0	70
Uffington	Leinster Terrace, W.2	7 6	11 0 p.d	30
White Hall	52, Lancaster Gate, W.2	10 6	4 14 6	100
Whiteness	46, Queens Gardens, W.2	8 6	3 3 0	—

(L) = Licensed. B. & B. = Bed and breakfast.

HAMPSTEAD

Hotels, etc.	Addresses	B. & B.	En Pension	Rooms
		s. d.	£ s. d.	
Abbey Court	15, Netherhall Gardens	9 0	4 4 0	30
"Avondale"	2, Lancaster Place	7 6	3 3 0	14
Bendon Private Hotel	12, Lyndhurst Gardens	7 0	3 3 0	16
"Brownings"	17–20, Broadhurst Gardens	5 0	2 12 6	30
Clive Hall	27, Fellows Road	7 6	3 13 6	20
Devon Lodge	10, Fitzjohn's Avenue	8 6	3 13 6	15
Eden Hall	11, Lyndhurst Gardens	—	2 12 6	—
"Ermelo"	149, Finchley Road	8 6	3 13 6	15
Fernleigh Court	8, Fitzjohn's Avenue	8 6	3 13 6	15
"Frognal"	44, Frognal	7 6	2 12 6	14
Frognal Court	15, Frognal	8 6	3 13 6	20
"Grews"	63, Belsize Avenue	8 6	3 13 6	16
"Grews"	43–45, Fitzjohn's Avenue	8 6	3 13 6	40
"Kersal"	26, Frognal	5 0	2 12 6	10
"Langorf"	18–20, Frognal	7 6	2 12 6	20
"The Lodge"	13, Belsize Square	6 6	2 12 6	12
H. G. Miller	37, Fitzjohn's Avenue	8 6	3 13 6	40
Miss Fitch	31, Belsize Park	6 6	2 2 6	10
Miss Wright	49, Belsize Park	6 6	2 12 6	10
Moorings Court	33–34, Belsize Square	6 6	3 3 0	20
Mr. Dobson	3, Belsize Park Gardens	6 6	2 12 6	10
Mrs. Chapman	129–131, Fellows Road	6 0	2 12 6	18
Mrs. Malborough	12, Fitzjohn's Avenue	8 6	3 13 6	15
Mrs. Williams	14, Belsize Square	7 0	3 3 0	10
Nutley Court	45, Maresfield Gardens	8 6	3 13 6	30
Roslyn Lodge	Lyndhurst Road	8 6	4 4 0	40
"St. Aidans"	31, Fitzjohn's Avenue	8 6	3 13 6	20
"Ventnor"	186, Haverstock Hill	6 6	2 2 0	16
White Hall	4–6, Fellows Road	6 6	2 5 0	45
Brent Bridge (L)	Hendon, N.	9 6	—	40
Chateau-de-Madrid	Northwood, Middx	—	5 5 0	39

(L) = Licensed. B. & B. = Bed and breakfast.

RAILWAY TERMINUS HOTELS

Charing Cross Hotel (L)	Charing Cross Station, W.C.2	10 6	1 1 0 p.d.	250
Euston Hotel (L)	Euston Station, N.W.1	12 0	1 4 0 p.d.	190
Great Central Hotel (L)	Marylebone, N.W.1	10 6	7 7 0	600
Great Eastern Hotel (L)	Liverpool Street Station, E.C.2	12 0	1 3 0 p.d.	220
Great Northern Hotel (L)	King's Cross Station, N.1	12 6	1 3 0 p.d.	—
Great Western Hotel (L)	Paddington Station, W.2	Special terms		150
Grosvenor Hotel (L)	Victoria Station, S.W.1	17 0	—	300
Midland Grand Hotel (L)	St. Pancras Station, N.W.1	12 0	1 4 0 p.d	200

L = Licensed. B. & B. = Bed and breakfast.

ACCOMMODATION IN CLUBS, ETC.

The Connaught Club, 75, Seymour Street, Marble Arch, W.2, has kindly offered honorary membership for the Centenary Meeting to forty members. The charges are: bed and bath, 7s. 6d. to 9s.; breakfast, 2s. 6d.; lunch, 2s. 6d.; and dinner, 3s. 6d. The club is for men only. Members desirous of availing themselves of these facilities must send in their applications at once through the secretary of the B.M.A. Division in which they reside, to the secretary of the club at the above address.

The Imperial College Hostel, Prince Consort Road, South Kensington, S.W.7, has kindly offered accommodation to eighty members attending the Centenary Meeting. The charges are: bed, bath, and breakfast, 6s.; lunch 2s. 6d.; and dinner, 3s. 6d. The accommodation is for men only. Members wishing to stay at the Hostel must apply immediately to the warden of the Hostel at the above address.

Association Notices

LIVERPOOL AND SOUTHPORT DIVISIONS

Notice is hereby given by the Council of the Association to all concerned of the following proposal made by the Council—namely, that the Lathom and Burscough, Ormskirk, and Skelmersdale Urban Districts, and that part (namely, the southern part) of West Lancashire Rural District not already included in the Southport Division, be transferred from the area of the Liverpool to that of the Southport Division. Any Member affected by the above proposal and objecting thereto is requested to write by June 14th to the Medical Secretary, stating such objection and the ground therefor.

ALFRED COX,
Medical Secretary.

May 6th, 1932.

SCHOLARSHIPS AND GRANTS IN AID OF SCIENTIFIC RESEARCH

Scholarships

The Council of the British Medical Association is prepared to receive applications for Research Scholarships as follows: an Ernest Hart Memorial Scholarship, of the value of £200 per annum, and three Research Scholarships, each of the value of £150 per annum. These Scholarships are given to candidates whom the Science Committee of the Association recommends as qualified to undertake research in any subject (including State Medicine) relating to the causation, prevention, or treatment of disease. Each Scholarship is tenable for one year, commencing on October 1st, 1932. A Scholar may be reappointed for not more than two additional terms. A Scholar is not necessarily required to devote the whole of his or her time to the work of research, but may hold a junior appointment at a university, medical school, or hospital, provided the duties of such appointment do not interfere with his work as a Scholar.

Grants

The Council of the British Medical Association is also prepared to receive applications for Grants for the assistance of research into the causation, treatment, or prevention of disease. Preference will be given, other things being equal, to members of the medical profession and to applicants who propose as subjects of investigation problems directly related to practical medicine.

Conditions of Award: Applications

Applications for Scholarships and Grants must be made not later than Saturday, May 21st, 1932, on the prescribed form, a copy of which will be supplied on application to the Medical Secretary of the Association, B.M.A. House, Tavistock Square, London, W.C.1. Applicants are required to furnish the names of three referees who are competent to speak as to their capacity for the research contemplated.

SIR CHARLES HASTINGS CLINICAL PRIZE

The Sir Charles Hastings Clinical Prize, which consists of a certificate and a money award of fifty guineas, is again open for competition in respect of 1933. The following are the regulations governing the award:

1. The prize is established by the Council of the British Medical Association for the promotion of systematic observation, research, and record in general practice; it includes a money award of the value of fifty guineas.

2. Any member of the Association who is engaged in general practice is eligible to compete for the prize.

3. The work submitted must include personal observations and experiences collected by the candidate in general practice, and a high order of excellence will be required. If no essay entered is of sufficient merit no award will be made.

4. Essays, or whatever form the candidate desires his work to take, must be sent to the British Medical Association House, Tavistock Square, London, W.C.1, not later than December 31st, 1932, and the prize will be awarded at the Annual General Meeting of the Association to be held in July, 1933.

5. No study or essay that has been published in the medical press or elsewhere will be considered eligible for the prize, and a contribution offered in one year cannot be accepted in any subsequent year unless it includes evidence of further work.

6. If any question arises in reference to the eligibility of the candidate, or the admissibility of his or her essay, the decision of the Council on any such point shall be final.

7. Each essay must be typewritten or printed, must be distinguished by a motto, and must be accompanied by a sealed envelope marked with the same motto, and enclosing the candidate's name and address.

8. The writer of the essay to whom the prize is awarded may, on the initiative of the Science Committee, be requested to prepare a paper on the subject for publication in the *British Medical Journal*, or for presentation to the appropriate Section of the Annual Meeting of the Association.

9. Inquiries relative to the prize should be addressed to the Medical Secretary.

BRANCH AND DIVISION MEETINGS TO BE HELD

BATH, BRISTOL, AND SOMERSET BRANCH.—A meeting of the Bath, Bristol, and Somerset Branch will be held in the Physiological Theatre of the University of Bristol on Wednesday, May 25th, at 8.15 p.m. Dr. R. S. S. Statham and Dr. J. A. Nixon will open a discussion on albuminuria in pregnancy.

BATH, BRISTOL, AND SOMERSET BRANCH: WEST SOMERSET DIVISION.—The next meeting of the West Somerset Division will be held at the Taunton and Somerset Hospital, Taunton, on Tuesday, May 24th, at 3.45 p.m. Agenda: Election of representatives and deputy representatives; Report of Council and motions for Annual Representative Meeting. Tea served after the meeting.

HERTFORDSHIRE BRANCH.—The annual meeting of the Hertfordshire Branch will be held, by permission of Sir Philip Sassoon, at Trent Park, Cockfosters, New Barnet, on Thursday, June 2nd, at 3 p.m. Agenda: Report of past year; elect officers; approve an addition to the by-laws. Ladies are invited, and tea will be served in the gardens.

METROPOLITAN COUNTIES BRANCH: STRATFORD AND SOUTH-WEST ESSEX DIVISIONS.—A joint clinical meeting of the Stratford and South-West Essex Divisions will be held at the Claybury Mental Hospital, Woodford Bridge, on Tuesday, May 24th, at 3.30 p.m.

SOUTHERN BRANCH.—The sixtieth annual meeting of the Southern Branch will be held at the Lord Mayor Treloar Cripples' Hospital, Alton, Hants, on Wednesday, May 25th. 2.45 p.m., Annual business meeting and address by Dr. H. Currer Williams; 3.30 p.m., inspection of hospital and college; 4.15 p.m., tea.

SOUTHERN BRANCH: WINCHESTER DIVISION.—A meeting of the Winchester Division will be held on Friday, May 27th, at 3.30 p.m., at the Royal Hants County Hospital, Winchester. Mr. Everett will demonstrate clinical cases.

SOUTH-WESTERN BRANCH: NORTH DEVON (BARNSTAPLE) DIVISION.—The annual general meeting of the Barnstaple Division will be held at the North Devon Infirmary, Barnstaple, on Thursday, May 26th, at 4 p.m.

SUSSEX BRANCH: BRIGHTON DIVISION.—A conjoint meeting of the Brighton Division with the Brighton, Hove, and District Teachers' Association will be held at the Old Ship Hotel on Thursday, May 26th, at 8.30 p.m., preceded by an informal supper at 7.45 p.m. (3s. 6d.). An address on psychology and its uses will be given by Mr. P. B. Ballard, M.A., D.Lit.; a discussion will follow.

Meetings of Branches and Divisions

BIRMINGHAM BRANCH: WARWICK AND LEAMINGTON DIVISION.—A meeting of the Warwick and Leamington Division was held on April 28th at the Warneford Hospital, Leamington Spa. All medical practitioners in the area had been invited to attend, and over forty were present. Before the meeting the chairman, Dr. COLE, entertained those present to tea.

A joint meeting of this Division and of the Rugby Division was held before the main business of the afternoon, when Dr. R. J. Cyriax was appointed as representative in the Representative Body, and Drs. Gibbons Ward and Pirie as deputy representatives. It was decided to hold an annual dinner during the summer.

Professor D. P. D. WILKIE then gave a lecture on gall-bladder disease and its sequels, illustrated by lantern slides. After drawing attention to some anatomical points relating to the gall-bladder and its arterial, venous, lymphatic, and nervous connexions, he passed on to consider the aetiology and pathology of cholecystitis, and discussed the mode of formation of gall-stones, single and multiple, etc. He described symptoms, diagnosis, and treatment, both medical and surgical, and commented on several very interesting cases which had come under his observation. He finally furnished a detailed analysis of 889 cases of diseases of the gall-bladder treated by operation; the death rate in the series was 5.2 per cent., in cases of removal of the gall-bladder 2.4 per cent.

A discussion followed, in which the CHAIRMAN and Drs. MALINS, O'CONNOR, TAYLOR, DINGLEY, and D'ABREU took part. Professor WILKIE replied.

A hearty vote of thanks to Professor Wilkie for his most interesting lecture concluded the meeting.

FIFE BRANCH

At the first clinical meeting of the spring session of the Fife Branch, held at the Station Hotel, Kirkcaldy, when the president, Dr. ORR, was in the chair, an address was delivered by Dr. PRATT YULE, county medical officer of health, on the public health of the county, present arrangements, and possible future policy.

Dr. Pratt Yule said that public health was formerly defined as the science aiming at the prevention of disease and of premature death, but that we might now anticipate that it would add something to man's physical and mental competence and capacity. The ancient civilizations—Egyptian, Minoan, Greek, and Roman—had much more than a glimmering of the value of sanitary science, had made a practical study of sanitary engineering, and had erected works for the provision of water supply and drainage. He mentioned the epidemics and pandemics prevailing in the Middle Ages, and briefly traced the connexion between war and pestilence down to the time of the great war. The first real advance towards public health legislation as now known arose, he said, from a spirit of humanity prompting alleviation of prevailing abuses of industrialism, particularly the employment of children in the cotton factories of Lancashire. Thus the first step was the factory legislation of 1819, Robert Owen being the pioneer. Those setting a just value on public health were the people themselves, and practically every advance in public health legislation had followed speedily on extensions of the franchise (1832, 1867, 1884, 1918, and 1928). The first medical officer of health was appointed at Liverpool in 1847, and public health legislation, as we now know it, resulted from the experience gained in large towns, although, so far as Scotland was concerned, it did not extend to the country as a whole until 1890. Dr. Yule commented on the permanent value of the work done by Dr. Nasmyth, Fife's first county medical officer, appointed in 1890, and referred to observations in his early annual reports which seemed to foreshadow the passing of the Local Government (Scotland) Act, 1929.

The public health outlook had changed during the last generation. Formerly the endeavour was to safeguard the health of the people as a whole; now it was to conserve the life of the unit. The growth of the feeling that all was not well with the physique of the nation (as exemplified by the recruiting returns of the Boer war) ensured the medical inspection and feeding of school children, the notification of births, the development of maternity and child welfare work, the National Insurance Acts, 1911 and 1913, the Notification of Tuberculosis Act, and the Milk and Dairies Act, 1914. The great war speedily assured the Midwives Act, 1915, and further legislation for safeguarding the health of mothers and children, the notification and treatment of ophthalmia neonatorum, the diagnosis and free treatment of venereal diseases, the welfare of the blind, and the treatment of

diabetics, etc. These enactments illustrated the orientation of public health from the mass to the individual, and they were further enforced by a spate of legislation on housing, abolition of slums, town planning, etc. The private practitioner was more particularly interested in public health activities impinging on his own work, and especially in possible developments by local authorities under the provisions of the Local Government Act, 1929, whereby a local authority may so extend its sphere of administration as to provide what is tantamount to a general medical service. But for the war, a national medical service would doubtless have grown out of the national insurance scheme of 1911. It was obviously impossible for the Government at present to countenance any extension of the national insurance scheme towards a general medical service, and that it appeared equally obvious that what the Government could not undertake generally was not likely to be faced by a local authority. Outlining the welfare work of county councils, Dr. Yule spoke of the need for concentrated effort if the mortality in the first months of life was to be reduced ; and for pre-natal care and closer medical supervision of early childhood if the 40 per cent. of children found suffering from defects when entering school was to be abolished or efficiently diminished. Whether this would be secured through a whole-time local authority staff or by the service of the general medical practitioner it was difficult to say. If a well-thought-out plan on the capitation grant basis was forthcoming in regard to the parish medical service, the door might be opened for the British Medical Association's scheme of complete medical service.

Dr. Yule, in conclusion, gave an outline of the considerations likely to guide the future hospital policy of the county council, with a view to criticism by those present. The proposals of the British Medical Association for a general medical service defined equal efficiency on the part of the private practitioner in the prevention and treatment of disease. He expressed doubt whether the outlook of the private practitioner was that of preventive medicine, and said it would appear unsound to add the profession to the public health staff without the teaching necessary to ensure some reorientation of view. The proposals of the Association apparently implied that the practitioner would endeavour to ensure good health to his patient by a scheme of periodic clinical examinations of the nature undertaken at the James Mackenzie Institute for Clinical Research, St. Andrews. If the inference were warranted, and some such system adopted, the general practitioner would obviously undertake the care of the expectant and nursing mother, infant, toddler, and school child of his practice or panel, and of necessity the whole-time medical staff of the local authority would be in great measure abolished.

In the discussion that followed, various members expressed the opinion that the general practitioner, by reason of his wider experience of disease and more intimate knowledge of home conditions, was better qualified for ante-natal work, maternity and child welfare, and those departments of public health service involving treatment, than the whole-time officer. With regard to preventive work, the public health official dealt with disease in its epidemic form, whereas the general practitioner looked to the early recognition of types of illness, and therefore early treatment, as his province. On the motion of the PRESIDENT, a cordial vote of thanks was accorded to Dr. Yule for his address.

METROPOLITAN COUNTIES BRANCH: GREENWICH AND DEPTFORD DIVISION

At a meeting of insurance practitioners held on May 4th, the following resolutions were passed:

1. That a National Health Insurance Committee of the Greenwich and Deptford Division of the British Medical Association be formed of B.M.A. and non-B.M.A. members, the B.M.A. members to be in the majority.

2. That this meeting of the Greenwich and Deptford Division of the British Medical Association, augmented by the non-B.M.A. panel practitioners of the district, considers that, in view of the progressive increase of work and time which has to be devoted to insured persons, when the time arrives for a reinstatement of the recent "cuts," the whole question of remuneration shall be investigated and reconsidered.

METROPOLITAN COUNTIES BRANCH: SOUTH-WEST ESSEX DIVISION

A meeting of the South-West Essex Division was held at the Wesleyan Schools, Leyton, on May 3rd. It was announced that the annual meeting was to be deferred until June 14th, Mr. Somerville Hastings being unable to come on June 7th.

Dr. Panting was reappointed representative in the Representative Body, and Dr. Watson deputy representative.

The annual report was discussed after some preliminary remarks by Dr. DOWLING, who stressed the importance of the matter in the report, and his regret at the apathy of those members of the Division who were not present to discuss it.

Attention was again drawn to the National Ophthalmic Treatment Board s Scheme, which seemed to work satisfactorily, except for the fact that no communication was made to the general practitioner by the specialist. It was noted that no psychologist was included in the list of specialists available for patients through contributory schemes. This was considered to be a grave lack, but was presumably inevitable owing to the time required for each patient and the small remuneration.

National Health Insurance

RANGE OF SERVICE

INJECTION TREATMENT OF VARICOSE VEINS

We have received a report of referees appointed by the Minister of Health to determine questions arising under the Medical Benefit Consolidated Regulations, 1928. The referees were Mr. Archibald Safford (barrister-at-law), Dr. J. W. Bone, and Dr. C. E. S. Flemming. The inquiry related to a question whether treatment of varicose veins by intravenous injection of a sclerosing solution is within the range of medical service within the meaning of Article 43.

The treatment in question was administered on fifteen different occasions by insurance doctors practising in London. The Local Medical Committee was of the opinion that treatment was outside the range of medical service, but the London Insurance Committee held otherwise.

The inquiry was held and witnesses were called at the Ministry of Health on April 6th, 1932. Mr. Charles Davis appeared on behalf of the Local Medical Committee, and Mr. J. C. Gilbert on behalf of the London Insurance Committee. It was conceded that if special skill were necessary to qualify the doctors concerned to administer the treatment, it was possessed by them.

The contentions put forward may be summarized as follows:

(*a*) On behalf of the Local Medical Committee: (1) That the treatment involved the application of special skill and experience which general practitioners could not reasonably be expected to possess. (2) That, if this were not so as a general proposition, it was true of the area of the London Insurance Committee, where such services were not usually undertaken by general practitioners. (3) That one of the cases treated involved the application of special skill in that certain complications were present of an exceptional nature.

(*b*) On behalf of the Insurance Committee: (1) That there was nothing to distinguish the present group of cases from those covered by previous decisions of referees. (2) That there was insufficient evidence to justify any special finding for the London area. (3) That the particular case cited by the Local Medical Committee was not to be differentiated from the others.

REFEREES' DECISION

The decision of the referees was as follows:

"Having considered the large body of evidence submitted to us, we are unable to find any sufficient reason for altering the view which we found in the Kent and Leicestershire cases. We are confirmed in that view by the fact that the referees who reported in the Manchester case in 1929, and referees in Scotland and Northern Ireland, have reached similar conclusions. Evidence was adduced before us which satisfied us that the service in question was usually undertaken by a considerable and increasing number of general practitioners in the London area, and we were not satisfied that there was sufficient ground for holding that the London area must be differentiated from other areas in this respect. With reference to the particular case cited by the Local Medical Committee, there were certain complications present—namely, diabetes, varicose dermatitis, and oedema—which might have been considered to be contraindications, but the decision whether the case was an appropriate one to treat by intravenous injection was not made by the practitioner, but by a hospital surgeon to whom the practitioner referred the case. In all circumstances we see no sufficient ground for differentiating this case from the others. He only did what any general practitioner of ordinary skill and experience might be expected to do when acting in accordance with the advice of a consultant."

Correspondence

THE FUTURE OF PUBLIC MEDICAL SERVICES

SIR,—The problems of encroachments on private practice and of diminished private fees are giving great concern to many doctors at the present time. As a remedy the possibility of starting a public medical service is being considered in many districts, as this would tend to stabilize certain parts of general practice. While this is a move in the right direction, there are one or two important points to which I would like to draw attention, and regarding which I feel that a note of warning should be sounded.

The first concerns the amount of the doctor's capitation fee under such a service, on which depends the amount of the subscription the patient would have to pay each week. There is a temptation here to consider how much the patient is willing to pay at the present time, and, on the ground that this is all that is obtainable, to fix the subscriptions, and in consequence the doctor's capitation fee, on this basis.

I submit that this is not only altogether wrong in principle at the present moment, but that it may be dangerous in the future. The average patient is accustomed to the idea of receiving advice for his family at uneconomic rates from subsidized sources such as clinics and out-patient departments. He is also liable to be influenced by articles appearing from time to time in the lay press, which comment unfavourably on the general practitioner. In consequence, his idea of the value of general practitioner advice is lower than it ought to be, and should not be accepted as the sole basis for fixing the subscription rates. I would go as far as to say that were a public medical service to increase its size rapidly as conditions are at present, it would be very suggestive of a scale of fees that had been fixed at too low a level.

It is serious enough that the low fees that are charged in private practice in certain areas may be quoted to the disadvantage of the profession at any time that the capitation fee comes up for discussion ; but if any local public medical service, set up and run by the doctors themselves, were to stabilize contract practice at a low level as a result of the hasty acceptance in the first instance of a low (and therefore popular) scale of fees, I think it is obvious that the results might be disastrous.

It is true that the policy of trying to secure an adequate capitation fee may result in a certain degree of slowness in the growth of the service, but this is not to any great extent a disadvantage to the practitioner. A large proportion of the prospective subscribers are in the ordinary way already the doctor's patients, and even if there is some delay before they are educated up to appreciating the advantages of the service, the *status quo* is not altered.

In considering the scale of subscriptions, it is most essential from the very beginning to distinguish clearly between fees that the patient professes himself unable to pay and fees that he actually cannot pay on economic grounds. National health insurance practitioners know that insured persons spend money freely in certain directions. They do so, first, because they want certain articles or services, and secondly, because these articles, or services, are not provided by sentimentalists but by business men who want to get an adequate return for their work and skill, and to maintain a certain position for themselves and their families.

The subscriptions for one dependent (wife or child) under the London Public Medical Service is 4d. per week ; for wife and one child, 8d. per week ; for wife and two children, 11d. per week ; these fees cover visits, consultations, official letters of introduction to hospital consultants, where necessary, and advice on infant welfare. Would anyone suggest that these fees cannot be paid by any patient who really wants to make provision for medical advice for his family?

This leads me to another point. I would suggest very strongly that every public medical service should contribute to the practical solution of the problem of encroachments by clinics and out-patient departments on private practice. If this is not done, the public medical service simply becomes a medical club on a large scale. Public health authorities and hospital boards, which at present give the failure of the individual practitioner to do certain work as the justification for their activities, would then state that the local profession had organized its work in such a way that the need for out-patient departments, clinics, etc., was now greater than ever. Apart from any question of the small capitation fee which such a limited service would justify, such a state of affairs would benefit neither patient nor doctor.

I think I have made it clear that one of the chief merits of a public medical service is that it has a great educational value. It educates the practitioner to provide a complete domiciliary service, for which he receives an adequate remuneration. It educates patients to consult their own doctor, for both advice on keeping well and treatment when they are ill, and to pay an adequate fee for these services. It demonstrates to the medical staffs and lay boards of hospitals that it is financially possible for most patients to have a family doctor, and that, as medical advice and medicine are available from this source, the hospital need function in a consultative capacity only. Similarly public health committees can be shown that the method of payment makes it possible for nearly every mother to have a family doctor from whom she can obtain instruction on infant welfare as well as ordinary medical advice.

Advance on these lines must necessarily be gradual, but I am convinced that none of these aims will be secured by the hasty establishment of any less complete service, where patients would find that they had to go to several centres for treatment which their own doctor did not provide. On the other hand, a policy of "hasten slowly," which will lead ultimately to the re-establishment of the general practitioner as a family physician, will, I am sure, bring ample rewards both in actual remuneration and in good will.

May I add that in the London Public Medical Service, which embodies the ideas I have mentioned, we have gained much experience in the last few years, and that we would be glad to send anyone interested full details of our methods.—I am, etc.,

C. L. BATTESON,
Secretary, London Public Medical Service.

17, Russell Square, W.C.1, May 13th.

BOOKS ADDED TO THE LIBRARY

The following books were received by the Library of the British Medical Association during April, 1932:

Achard, C.: Leçons Cliniques sur les Maladies du Sang et des Organes Hématopoiétiques. 1931.
Andrews, C. L.: How's Your Blood Pressure? 1931.
Bankart, A. S. B.: Manipulative Surgery. 1932.
Bennett, Sir N.: Science and Practice of Dental Surgery. Two volumes. Second edition. 1931.
Bernard, L.: Les Débuts et les Arrêts de la Tuberculose Pulmonaire. 1931.
Blackie, W. K.: Helminthological Survey of Southern Rhodesia. 1932.
Bodansky, M., and Fay, M.: Laboratory Manual of Physiological Chemistry. Second edition. 1931.
Brash, J. C.: Aetiology of Irregularity and Malocclusion of the Teeth. 1931.
Chevallier, P., and Bernard, J.: La Maladie de Hodgkin, Lymphogranulomatose Maligne. 1932.
Coyte, R.: Surgery of the Genito-Urinary Tract. 1932.
Dewar, D.: Difficulties of the Evolution Theory. 1931.
Dodds, E. C., and Whitby, L. E. H.: Laboratory in Surgical Practice. 1931.
Donaldson, R.: Practical Morbid Histology. 1931.
Donnison, C. P.: Cardio-Vascular Diseases in the African Native in Kenya. 1930.
Duke-Elder, W. S.: Text-book of Ophthalmology, vol. i. 1932.
Ellman, P.: Chest Diseases in General Practice. 1932.
Erxleben, M. C.: Notes on Children's Nursing. 1931.
Goodfellow, J.: Lymphatic Glands. 1932.
Haldin, Mrs. H.: Bottle Feeding of Infants. Third edition. 1932.
Hedges, E. S.: Colloids. 1931.
Henry, G. W.: Essentials of Psychiatry. 1931.
Himes, N. E.: A Guide to Birth Control Literature. 1931.
Hollander, B.: Brain, Mind, and the External Signs of Intelligence. 1931.
International Medical Group for the Investigation of Contraception. Fourth issue. 1931.
Karsner, H. T.: Human Pathology. Third edition. 1931.
Kjaergaard, H.: Spontaneous Pneumothorax in the Apparently Healthy. 1932.
Kluyver, A. J.: Chemical Activities of Micro-Organisms. 1931.
Meyer, M.: Les Affections de l'Oreille chez l'Enfant. 1932.
Montmasson, J. M.: Invention and the Unconscious. 1931.
Munby, A. E.: Laboratories: Their Planning and Fittings. 1931.
Parry, L. A.: Criminal Abortion. 1932.
Piney, A., and Wyard, S.: Clinical Atlas of Blood Diseases. Second edition. 1932.
Pitt-Rivers, G.: Weeds in the Garden of Marriage. 1931.

Priesel, R., and Wagner, R.: Die Zuckerkrankheit und ihre Behandlung im Kindesalter. 1932.
Ravina, A.: L'Année Therapeutique. 1931.
Robertson, W.: Introduction to Hygiene. 1931.
Roche, R.: Science of Medicine. 1932.
Sanger, M., and Stone, H. M.: Practice of Contraception. 1931.
Scott, S. G.: Radiology in Relation to Medical Jurisprudence. 1931.
Spitzy, H.: Orthopädische Therapie in der Allgemeinpraxis. 1932.
Stevens, A. A.: The Practice of Medicine. Third edition. 1931.
Streeter, W. A.: New Healing. Second edition. 1932.
Wells, F. M.: Sound Teeth in a Sound Body. 1926.
White House Conference on Child Health. Pediatrics: Education and Practice. 1931.
Whiting, A. J.: Aids to Medical Diagnosis. Fourth edition. 1931.
Yellowlees, H.: Clinical Lectures on Psychological Medicine. 1932.

Naval and Military Appointments

ROYAL NAVAL MEDICAL SERVICE

Surgeon Lieutenant Commanders J. G. Holmes to the *President*; T. C. H. Nell to the *Ceres*.

Surgeon Lieutenant E. H. Rampling to be Surgeon Lieutenant Commander.

Surgeon Lieutenants J. W. Oliver to the *President*; E. W. Graham to the *Stuart*.

F. Bush has entered as Surgeon Lieutenant, and appointed to the *Victory* for Haslar Hospital.

ROYAL NAVAL VOLUNTEER RESERVE

Surgeon Sublieutenant J. N. Matthews to the *Victory*, for Haslar Hospital.

ROYAL ARMY MEDICAL CORPS

Lieut.-Col. G. B. F. Churchill, having attained the age for compulsory retirement, is placed on retired pay.

The appointment of Lieutenant J. B. George is antedated to July 28th, 1930, but not to carry pay and allowances prior to July 28th, 1931.

To be Lieutenants (on probation): N. P. Breden, C. M. Marsden, E. S. Tweedy, H. N. Walker, J. D. Grant, J. W. A. MacIver.

TERRITORIAL ARMY

ROYAL ARMY MEDICAL CORPS

Captain G. Bailey resigns his commission and retains his rank, with permission to wear the prescribed uniform.

The following officers resign their commissions: Captains P. Mumford and K. V. Bailey; Lieutenant R. Jackson.

Lieutenant W. A. Ball to be Captain.

INDIAN MEDICAL SERVICE

The following retire from the Service: Brevet Colonel F. P. Mackie, O.B.E.; Lieut.-Cols. C. H. Barber, D.S.O., and A. H. Napier; Captain C. V. Ramchandani.

The seniority of Lieutenant (on probation) M. H. Shah is antedated to February 10th, 1929.

The notification in the *Gazette* of August 14th, 1931, regarding the appointment of H. J. R. Thorne to be Lieutenant (on probation), is cancelled.

The services of the undermentioned officers are placed temporarily at the disposal of the local Governments specified: Government of Bengal, Captain J. C. Drummond; Government of Bombay, Major N. B. Mehta (for employment in the Jails Department); Government of Central Provinces, Major J. Carrey.

VACANCIES

ALTRINCHAM GENERAL HOSPITAL.—(1) S.H.S. (2) J.H.S. Males.

BANBURY: HORTON GENERAL HOSPITAL.—R.M.O.

BEDFORD COUNTY HOSPITAL.—Second H.S.

BIRKENHEAD GENERAL HOSPITAL.—Hon. Assistant S.

BIRMINGHAM AND MIDLAND EYE HOSPITAL.—H.S.

BRADFORD: ROYAL EYE AND EAR HOSPITAL.—H.S.

BRISTOL CITY AND COUNTY.—Assistant M.O.H.

BRISTOL GENERAL HOSPITAL.—(1) Hon. Obstetric Physician and Gynaecologist. (2) Hon. Assistant Obstetric Physician and Gynaecologist. (3) Hon. Surgeon. (4) Hon. Assistant Surgeon.

CHELSEA HOSPITAL FOR WOMEN, S.W.—J.H.S. (male).

CHESTERFIELD AND NORTH DERBYSHIRE ROYAL HOSPITAL.—H.S. (male).

CITY OF LONDON HOSPITAL FOR DISEASES OF THE HEART AND LUNGS, Victoria Park, E.—H.P. (male).

COVENTRY AND WARWICKSHIRE HOSPITAL.—R.C.O. (male).

CUMBERLAND INFIRMARY, Carlisle.—Second H.S.

DERBYSHIRE ROYAL INFIRMARY.—H.S.

DEVONPORT: ROYAL ALBERT HOSPITAL AND EYE INFIRMARY.—Assistant H.S. (unmarried).

DEWSBURY AND DISTRICT GENERAL INFIRMARY.—Second H.S.

DONCASTER ROYAL INFIRMARY.—(1) H.S. (2) C.H.S. Males.

DURHAM COUNTY COUNCIL.—Assistant Welfare M.O. (woman).

EAST HAM COUNTY BOROUGH.—Assistant M.O.

EDINBURGH: ELSIE INGLIS MEMORIAL MATERNITY HOSPITAL.—J.H.S. (woman).

EDINBURGH HOSPITAL FOR WOMEN AND CHILDREN.—J.H.S. (woman).

ELIZABETH GARRETT ANDERSON HOSPITAL, Euston Road, N.W.—(1) H.P. (2) Obstetric Assistant. (3) Three H.S. (women).

EVELINA HOSPITAL FOR SICK CHILDREN, Southwark, S.E.—(1) C. and O.P. Officer. (2) H.P. Males.

GALWAY: UNIVERSITY COLLEGE.—Professorship of Medicine.

GENERAL LYING-IN HOSPITAL, York Road, S.E.—J.R.M.O. and Anaesthetist.

GLASGOW EAR, NOSE AND THROAT HOSPITAL.—H.S.

GLASGOW: WEST OF SCOTLAND NEURO-PSYCHIATRIC RESEARCH INSTITUTE.—Director.

GLOUCESTERSHIRE ROYAL INFIRMARY AND EYE INSTITUTION.—Assistant S.

GOLDEN SQUARE THROAT, NOSE AND EAR HOSPITAL, W.—H.S.

HALIFAX CORPORATION.—J.R.M.O. at St. Luke's Hospital.

HERTS COUNTY MENTAL HOSPITAL.—Locumtenent M.O.

HESTON AND ISLEWORTH URBAN DISTRICT.—Assistant M.O.H. and S.M.O.

HOSPITAL FOR SICK CHILDREN, Great Ormond Street, W.C.—(1) H.P. (2) H.S. (3) Junior C.O. (males).

HULL: CITY AND COUNCIL OF KINGSTON-UPON-HULL.—J.R.M.O. (woman) at Hull Maternity Home and Infants' Hospital.

INDIAN STATE RAILWAYS.—District Medical Officer.

IPSWICH: EAST SUFFOLK AND IPSWICH HOSPITAL.—H.S. (male).

KENT COUNTY OPHTHALMIC AND AURAL HOSPITAL, Maidstone.—Ophthalmic H.S. (male).

LINCOLN COUNTY HOSPITAL.—J.H.S. (male, unmarried).

LONDON COUNTY COUNCIL.—Temporary District Medical Officer (part-time) in District II, Area IX (Deptford).

LONDON JEWISH HOSPITAL, Stepney Green, E.—Clinical Assistant in Actino-Therapeutic Department.

MANCHESTER HOSPITAL FOR CONSUMPTION AND DISEASES OF THE THROAT AND CHEST.—(1) Hon. P. (2) Assistant M.O. for Crossley Sanatorium, Delamere Forest.

MANSFIELD AND DISTRICT HOSPITAL.—H.S. and C.O. (male).

MIDDLESBROUGH: NORTH ORMESBY HOSPITAL.—H.P. (male, unmarried).

MIDDLESEX COUNTY COUNCIL.—District M.O. and P.V. Harmondsworth and Stanwell.

MILLER GENERAL HOSPITAL, Greenwich.—(1) Two H.S. (2) H.P. (3) C.O. Males, unmarried.

NATIONAL TEMPERANCE HOSPITAL, Hampstead Road, N.W.—(1) R.M.O. (2) H.S. Males.

NEWARK GENERAL HOSPITAL.—R.H.S. (unmarried).

NEWCASTLE-UPON-TYNE: ROYAL VICTORIA INFIRMARY.—Four Medical Registrars.

NOTTINGHAM GENERAL HOSPITAL.—R.M.O. (male).

OLDHAM ROYAL INFIRMARY.—H.S.

OXFORD: RADCLIFFE INFIRMARY AND COUNTY HOSPITAL.—(1) R.M.O. (female) at Tuberculosis Branch. (2) H.P. (male).

PLYMOUTH: CENTRAL HOSPITAL.—R.H.S.

PRINCESS LOUISE KENSINGTON HOSPITAL FOR CHILDREN.—H.S.

QUEEN MARY'S HOSPITAL FOR THE EAST END, E.15.—(1) R.M.O. (2) Two H.S. (3) H.P. (4) Obstetric H.S. (5) H.P. and Resident Anaesthetist. (6) C.O.

RICHMOND BOROUGH, Surrey.—M.O. to Ante-Natal Clinic.

ROYAL FREE HOSPITAL, Gray's Inn Road, W.C.—(1) Three H.S. (2) Two H.P. (3) Gynaecological H.S. (4) Obstetric H.S. (5) Resident Anaesthetist. (6) District Obstetric Assistant. (7) H.P. Children's Department. (8) C.O.

RUGBY: HOSPITAL OF ST. CROSS.—Third Male R.M.O.

ST. JOHN'S HOSPITAL FOR DISEASES OF THE SKIN, Leicester Square, W.C.—In-patient Medical Registrar.

ST. THOMAS'S HOSPITAL.—P. in charge of Skin Department.

SAMARITAN FREE HOSPITAL FOR WOMEN, Marylebone Road, N.W.—Hon. S.

SEAMEN'S HOSPITAL SOCIETY.—Assistant M.O. at King George's Sanatorium, Liphook.

STOCKTON AND THORNABY HOSPITAL.—J.R.M.O. (unmarried).

SUNDERLAND CHILDREN'S HOSPITAL.—R.M.O. (female).

TRURO: ROYAL CORNWALL INFIRMARY.—H.S. (male).

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C.—Assistant P.

VICTORIA HOSPITAL FOR CHILDREN, Tite Street, S.W.—Surgeon in Charge of Ear, Nose and Throat Department.

WARRINGTON INFIRMARY AND DISPENSARY.—J.H.S. (male, unmarried).

WEST END HOSPITAL FOR NERVOUS DISEASES, Gloucester Gate, N.W.—Hon. Anaesthetist.

WESTON-SUPER-MARE GENERAL HOSPITAL.—R.H.S.

WILLESDEN GENERAL HOSPITAL, N.W.—Clinical Assistants, O.P.

WOLVERHAMPTON: ROYAL HOSPITAL.—H.S. (unmarried).

WORCESTERSHIRE COUNTY COUNCIL.—Assistant County M.O.

This list is compiled from our advertisement columns, where full particulars are given. To ensure notice in this column advertisements must be received not later than the first post on Tuesday morning. Further unclassified vacancies will be found in the advertising pages.

APPOINTMENTS

ELKINGTON, J. St. C., M.B., B.Chir.Cantab., M.R.C.P.Lond., Physician to Out-patients, St. Thomas's Hospital.

SIMPSON, N. C., M.D.Aberd., Certifying Factory Surgeon for the Newmarket District, Counties of Suffolk and Cambridge.

WARBURTON, P. D., M.R.C.S., L.R.C.P., D.P.H., Honorary Surgeon, West of England Eye Infirmary, Exeter.

LONDON COUNTY COUNCIL.—The following have been appointed Assistant Medical Officers (Grade II) at the general hospitals indicated in parentheses: T. B. McMahon, M.D. (St. Pancras); W. H. S. Wallace, M.B., B.S., D.P.H. (St. Luke's, Chelsea); Mrs. Columba Heathcote, M.B., B.Ch., B.A.O. (St. Benedict's); J. H. Mason, M.B., B.S. (Archway); A. I. Hunter, M.B., Ch.B. (St. Mary, Islington); R. A. Hill, M.B., B.S. (Highgate).

DIARY OF SOCIETIES AND LECTURES

ROYAL SOCIETY OF MEDICINE

Section of Odontology.—Mon., 8 p.m., Annual General Meeting at the Royal College of Surgeons, Lincoln's Inn Fields, W.C. Demonstration by Sir Frank Colyer of New Specimens received in the Museum during the Past Year.

Section of Medicine.—Tues., 5 p.m., Annual General Meeting.

Section of Therapeutics and Pharmacology.—Tues., 5 p.m. Discussion: Some Problems concerning the Prevention and Treatment of Acute Rheumatic Infection. Openers, Dr. W. R. F. Collis, Dr. Carey F. Coombs, Dr. W. H. Bradley.

Section of Urology.—Thurs., 8.30 p.m., Annual General Meeting. Mr. H. P. Winsbury White: Perinephric Inflammation.

Section of Epidemiology and State Medicine.—Fri., 8 p.m., Annual General Meeting. Sir Aldo Castellani: The Epidemiology of Some Typical Mycoses.

Section of Physical Medicine.—Sat., Annual Summer Meeting at Alton. Sir Henry Gauvain has kindly arranged for special demonstrations of cases and appliances at the Treloar Cripples' Hospital. Members should reach Alton by 12.30 p.m.

BIRMINGHAM UNIVERSITY.—*Wed.*, 4 p.m., Fifth William Withering Lecture by Mr. C. J. Bond: Some Aspects of Human Biology.

MEDICO-LEGAL SOCIETY, 11, Chandos Street, W.—*Thurs.*, 8.30 p.m. Colonel L. W. Harrison: The Medico-legal Aspects of Venereal Disease. Followed by Discussion.

ST. JOHN'S HOSPITAL DERMATOLOGICAL SOCIETY, 49, Leicester Square, W.C.—*Wed.*, 4.30 p.m., Annual General Meeting, followed by Ordinary Meeting.

SOUTH-WEST LONDON MEDICAL SOCIETY, Bolingbroke Hospital, Wandsworth.—*Wed.*, 9 p.m., Bolingbroke Lecture by Sir Humphry Rolleston: The Advances in Medicine during the Last Fifty Years.

POST-GRADUATE COURSES AND LECTURES

FELLOWSHIP OF MEDICINE AND POST-GRADUATE MEDICAL ASSOCIATION, 1, Wimpole Street, W.—*London Light and Electrical Clinic*, Ranelagh Road, S.W.: Course in Physical Medicine, Mon. and Wed., 8 to 9 p.m.; Demonstrations on Cases. *Clinical Pathology*, 10, Bedford Square, W.C.: Wed., 8.30 p.m., Epidiascope and Laboratory Demonstration, Haemorrhage. *St. John's Hospital*, Leicester Square, W.C.: Course in Dermatology; Clinical Work at 2 and 6 p.m. daily; Lectures, Mon., Tues., Thurs., and Fri., 5 p.m. *Prince of Wales's Hospital*, Tottenham, N.: Daily, 10.30 a.m. to 4.30 p.m., All-day Course in Medicine, Surgery, and the Specialties; Operations, Demonstrations, Lectures. (The above courses are open only to members of the Fellowship.)

CENTRAL LONDON THROAT, NOSE AND EAR HOSPITAL, Gray's Inn Road, W.C.—*Fri.*, 4 p.m., Mr. Harold Kisch, Nasal Obstruction.

HOSPITAL FOR EPILEPSY AND PARALYSIS, Maida Vale, W.—*Thurs.*, 3 p.m., Demonstration by Dr. Douglas McAlpine.

LONDON JEWISH HOSPITAL, Stepney Green, E.—*Thurs.*, 4.15 p.m., Dr. D. Krestin, Demonstration of Cases. Tea served at 4 p.m.

LONDON SCHOOL OF DERMATOLOGY, St. John's Hospital, 49, Leicester Square, W.C.—*Mon.*, 5 p.m., Dr. H. Haldin-Davis, Drug Eruptions. *Tues.*, 5 p.m., Dr. J. E. M. Wigley, Napkin Area Eruptions. *Thurs.*, 5 p.m., Dr. A. M. H. Gray, Sclerema. *Fri.*, 5 p.m., Dr. W. J. O'Donovan, Tuberculosis of the Skin.

NATIONAL CENTRE AND POST-GRADUATE SCHOOL OF RADIOTHERAPY, Radium Institute, Riding House Street, W.—*Wed.*, 4.30 p.m., Mr. Ogier Ward, Bladder and Prostate.

NATIONAL HOSPITAL, Queen Square, W.C.—*Mon.* to *Fri.*, 2 p.m., Out-patient Clinics. *Mon.*, 3.30 p.m., Dr. Kinnier Wilson, The Borderland of Epilepsy. *Tues.*, 3.30 p.m., Dr. Martin, Hemiplegia. *Thurs.*, 3.30 p.m., Dr. Critchley, Electrical Injuries of the Nervous System. *Fri.*, 3.30 p.m., Dr. Walshe, Muscular Atrophy.

NORTH-EAST LONDON POST-GRADUATE COLLEGE, Prince of Wales's General Hospital, Tottenham, N.—*Mon.*, 2.30 to 5 p.m., Medical, Surgical, and Gynaecological Clinics, Operations. *Tues.*, 2.30 to 5 p.m., Medical, Surgical, and Throat Clinics, Operations. *Wed.*, 2.30 to 5 p.m., Medical, Skin, and Eye Clinics, Operations. *Thurs.*, 11.30 a.m., Medical, Surgical, Throat, and Children's Clinics, Operations. *Fri.*, 10.30 a.m., Throat Clinics; 2.30 to 5 p.m., Medical and Surgical Clinics, Operations.

ROYAL NORTHERN HOSPITAL, Holloway Road, N.—*Mon.* to *Fri.*, Intensive Course.

ST. MARK'S HOSPITAL, City Road, E.C.—*Thurs.*, 4.30 p.m., Sir Charles Gordon-Watson, Carcinoma of the Colon.

ST. MARY'S HOSPITAL, INSTITUTE OF PATHOLOGY AND RESEARCH, W.—*Tues.*, 5 p.m., Professor Martin Kahn, On the Lübeck Trial and the Scientific Principles Involved in Calmette's Inoculation.

ST. PAUL'S HOSPITAL, Endell Street, W.C.—*Wed.*, 4.30 p.m., Dr. G. R. Mather Cordiner, Urinary Symptoms—the Radiological Interpretation.

ST. PETER'S HOSPITAL FOR STONE, 10, Henrietta Street, W.C.—*Wed.*, 3 p.m., Mr. J. Swift Joly, Prostatectomy.

SOUTH-WEST LONDON POST-GRADUATE ASSOCIATION, St. James's Hospital, Ouseley Road, S.W.—*Wed.*, 4 p.m., Mr. G. Perkins, Modern Tendencies in the Treatment of Non-pulmonary Tuberculosis.

ABERDEEN MEDICAL SCHOOL.—*Tues.* and *Thurs.* At Royal Infirmary: 11.45 a.m., Dr. Croll, Medical Clinic; Dr. F. J. T. Bowie, 3.15 p.m., Lecture, The Diagnosis of Gonorrhoea; 4.30 p.m., Treatment of Gonorrhoea.

DUNDEE ROYAL INFIRMARY.—*Thurs.*, 3.15 p.m., Dr. Leask, Modern Methods of Prophylaxis in Infectious Fevers; Professor Tulloch, Ultra-microscopic Viruses.

GLASGOW POST-GRADUATE MEDICAL ASSOCIATION.—At Eye Infirmary: *Wed.*, 4.15 p.m., Dr. A. J. Ballantyne and Dr. S. Spence Meighan, Eye Cases.

LIVERPOOL UNIVERSITY CLINICAL SCHOOL ANTE-NATAL CLINICS.—Royal Infirmary: *Mon.* and *Thurs.*, 10.30 a.m. Maternity Hospital: *Mon., Tues., Wed., Thurs.*, and *Fri.*, 11.30 a.m..

British Medical Association

OFFICES, BRITISH MEDICAL ASSOCIATION HOUSE
TAVISTOCK SQUARE, W.C.1

Departments

SUBSCRIPTIONS AND ADVERTISEMENTS (Financial Secretary and Business Manager. Telegrams: Articulate Westcent, London).

MEDICAL SECRETARY (Telegrams: Medisecra Westcent, London).

EDITOR, BRITISH MEDICAL JOURNAL (Telegrams: Aitiology Westcent, London).

***Telephone numbers of British Medical Association and British Medical Journal*, Museum 9861, 9862, 9863, and 9864 (internal exchange, four lines).**

SCOTTISH MEDICAL SECRETARY: 7, Drumsheugh Gardens, Edinburgh. (Telegrams: Associate, Edinburgh. Tel.: 24301 Edinburgh.)

IRISH MEDICAL SECRETARY: 18, Kildare Street, Dublin. (Telegrams: Bacillus, Dublin. Tel.: 62550 Dublin.)

Diary of Central Meetings

MAY

20 Fri. **Charities Committee, 2.30 p.m. (instead of May 5th, as provisionally fixed).**
Dominions Committee, 2.30 p.m.
24 Tues. **Naval and Military Committee, 2.30 p.m.**
31 Tues. **Organization Committee, 3 p.m.**

JUNE

1 Wed. **Finance Committee, 2.30 p.m.**
2 Thurs. **Consultants Board, 3.30 p.m.**
8 Wed. **Council, 10 a.m.**
10 Fri. **Library Subcommittee, 2.15 p.m.**
15 Wed. **Hospitals Committee, 11.30 a.m.**

BIRTHS, MARRIAGES, AND DEATHS

The charge for inserting announcements of Births, Marriages, and Deaths is 9s., which sum should be forwarded with the notice not later than the first post on Tuesday morning, in order to ensure insertion in the current issue.

BIRTHS

ARMSTRONG.—On April 23rd, 1932, to Olive (née Ferguson), M.B., wife of Edward Armstrong, M.D., 16, Catherine Street, Dumfries, a son.

GRAHAM.—On May 7th, 1932, at 200, Marton Road, Middlesbrough, to Dr. and Mrs. Frank O. Graham, a son.

LYONS.—On May 15th, at 12, The Avenue, Lincoln, to Dorothy, the wife of J. Lyons, M.D., F.R.C.S., a daughter.

DEATHS

MCGLASHAN.—Very suddenly, on May 14th, 1932, Marian Helen Fleming, wife of James McGlashan, M.D., Lynorne, Shalford, Surrey.

PAXON.—On May 7th, at Eastern Fever Hospital, Homerton, Valentine Preston Paxon, B.A., B.Ch., aged 28 years.

Printed and published by the British Medical Association, at their Office, Tavistock Square, in the Parish of St. Pancras, in the County of London.